



[www.uniarch.cn](http://www.uniarch.cn)

**Sales:** [overseasbusiness@uniview.com](mailto:overseasbusiness@uniview.com)

**Technical Support:** [globalsupport@uniview.com](mailto:globalsupport@uniview.com)

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uniarch  
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# 2023

# Product Catalog

# About Uniarch

Uniarch is a new brand created by Uniview Technologies.

With more than 10 years of experience and technology accumulation, we provides easy-to-use and cost-effective products in Uniarch, ranging from IP security system to video conference devices, for home and SMB business worldwide.

Uniarch is founded with the vision to create environments where people and businesses are able to achieve more.

Since then, we've become a global provider committed to delivering technology-driven products and solutions, and building a community for people to connect.

Product Line: CCTV, smart office, display etc.



# Mission

With its “Life in focus” in mind, Uniarch is paving the way for the changes: to achieve that, we make effort in transforming people’s day to day lives, as well as businesses of every size.

Via optimizing for ease of use, we leave rooms for what’s matter the most. By business empowerment, we entail creating an environment that fosters growth.

Uniarch envisions a world where enables everyone to a fulfilling life.





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# CCTV Product

- Uniarch is your best choice in a competitive market. With advanced industrial chain, Uniarch continues to enrich and iterate the product layout. In endless pursuit of quality & safety, Uniarch carried out products that are super easy to use.
- In order to satisfy the market demand, Uniarch attaches great importance on innovation and developed dual-light technology, introduced the dual light cameras which changes post-query into pre-prevention before events happen.

## Endless Quality & Safety Pursuit

<p><b>Anti-reflection</b></p> <p>Increase the infrared transmittance as 8%</p>	<p><b>Wide temperature</b></p> <p>Extreme operation temperature test for all outdoor products</p>	<p><b>Wide voltage</b></p> <p><b>±25%</b></p> <p>voltage tolerance Ideal for power instability</p>
<p><b>IP67 &amp; IK10</b></p> <p>IP67 water proof    IK10 Vandal proof</p>	<p><b>Retrieve password</b></p> <p>Find back the password by temporary password by E-mail</p>	<p><b>Cyber security</b></p> <p><b>Data protection</b> Video encryption, HTTPS <b>Limited access</b> ARP protection, shutdown unsafe service <b>Identity authentication</b> Strong &amp; weak password, 802.1x, RTSP, Onvif</p>

## Easy to Use, Smooth to Replace

<p><b>One-click update</b></p> <p>Upgrade completed with <b>one-click</b> based on Cloud</p>	<p><b>Fast dismounting</b></p> <p>Align marks on the base and body then easily dismount the device</p>	<p><b>ONVIF full member</b></p> <p>Onvif (Profile S/T), LAPI and SDK</p>
<p><b>Plug &amp; Play</b></p> <p>Just connect cables and power on. <b>ZERO extra</b> manpower cost.</p>	<p><b>Audio over coaxial</b></p> <p><b>Minimize</b> the amount of cabling needed</p>	<p><b>Cloud device management</b></p> <p><b>One click</b> to access web interface of devices over cloud service</p>

# Star Product: Infrared Fixed-lens Network Camera



## Key features

- 2/4/5 MP
- Built-in Mic
- Night vision with smart IR
- Motion detection
- IP67 ingress protection

## Application scenarios



Restaurant

House

Yard

Infrared cameras Offer high performance with lower cost, which make it an ideal choice for entry-level market

## Easy to use

**Update**  **Built in mic** 

**One-click upgrade**  **Pick up ambient sound for an extra layer of security**

# Uho-S2 Series : Product Introduction



## Key features

### Image

- 2MP, 1/3" CMOS sensor
- 360° Panoramic View
- 10m Smart IR

### Smart Features

- Motion Detection
- Auto Tracking
- Human Body Detection
- Sound Detection

### Others

- Dual-way Audio
- SD card & NVR Storage & Cloud Storage
- ONVIF (Profile S/G/T)
- H.265

## Application scenarios



Apartment



Bakery



Convenience Store

Free to place camera on a shelf or fix it to your wall or ceiling



# Star Product: Dual-light Bullet Camera



## Key features

- 3MP, 1/2.8" CMOS sensor
- Dual-light technology
- Up to 50m supplement light distance
- Built in mic
- Three supplement lights mode
- IP67 ingress protection

## Application scenarios



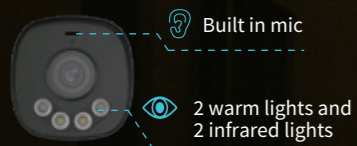
Fish ponds

orchards

Retail

Dual-light bullet camera can be applied in wider scenarios where colorful images and additional deterrent are necessary

## Advanced hardware



Provide richer details and restore the real scene

## Cross line & Intrusion detection



## Smart dual-light mode



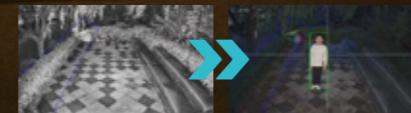
### IR mode

Turn on infrared light, trigger warm light shining when the rules are triggered



### Warm light mode

Turn on warm lights, automatically adjust the brightness for clear image



### Dual light mode

Switch from infrared lights to warm lights when the rules are triggered

# Star Product: 2.8-inch Dual-light PT camera



## Key features

- 3MP, 1/2.8" CMOS sensor
- Dual-light technology
- Up to 30m supplement light distance
- Built in mic and speaker
- Three supplement lights mode
- IP66 ingress protection

## Application scenarios



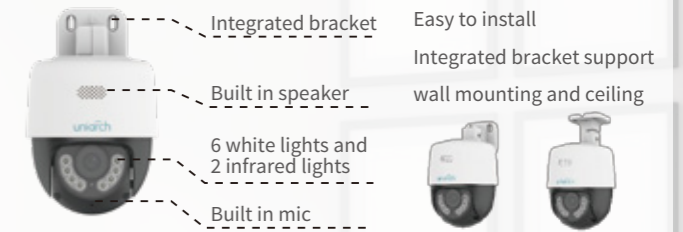
Yard

Retail

Warehouse

Dual-light PT camera can be applied in wider scenarios where colorful images and addition deterrent are necessary

## Advanced hardware



# 2MP Fixed Mini Bullet Network Camera

IPC-B122-APF28(40)



## Key Features

### Optics

- Day/night functionality
- Smart IR, up to 30m (98ft) IR distance
- Optical glass window with higher light transmittance
- IR anti-reflection window to increase the infrared transmittance
- 2D/3D DNR (Digital Noise Reduction)
- Built-in Mic

### Compression

- Ultra 265, H.265, H.264
- ROI (Region of Interest)

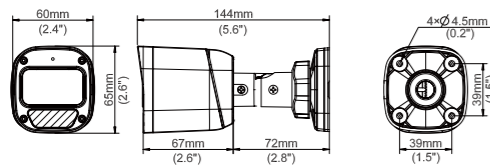
### Network

- ONVIF Conformance

### Structure

- Wide temperature range: -30°C ~ 60°C (-22°F ~ 140°F)
- Wide voltage range of ±25%
- IP67

## Dimensions



## Specifications

	IPC-B122-APF28	IPC-B122-APF40			
<b>Camera</b>					
Sensor	1/2.8", progressive scan, CMOS				
Lens	2.8mm@F2.1	4.0mm@F2.1			
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	2.8	43.4	17.4	8.7	4.3
	4.0	62.1	24.8	12.4	6.2
Angle of View (H)	106.7°		87.5°		
Angle of View (V)	57.1°		46.3°		
Angle of View (O)	115.7°		92.4°		
Adjustment angle	Pan: 0° ~ 360°	Tilt: 0° ~ 90°	Rotate: 0° ~ 360°		
Shutter	Auto/Manual, 1 ~ 1/100000s				
Minimum Illumination	Colour: 0.02Lux (F2.1, AGC ON) 0Lux with IR on				
Digital noise reduction	2D/3D DNR				
Day/Night	IR-cut filter with auto switch (ICR)				
S/N	>52dB				
IR Range	Up to 30m (98ft) IR range				
Defog	Digital Defog				
WDR	DWDR				
<b>Video</b>					
Video Compression	Ultra 265, H.265, H.264				
H.264 code profile	Baseline profile, Main Profile, High profile				
Frame Rate	Main Stream: 1080P (1920*1080), Max 25fps; 720P (1280*720), Max 25fps; Sub Stream: 720P (1280*720), Max 25fps; D1 (720*576), Max 25fps; 640*360, Max 25fps; 2CIF (704*288), Max 25fps; CIF (352*288), Max 25fps;				
HLC	Supported				
BLC	Supported				
OSD	Up to 4 OSDs				
Privacy Mask	Up to 4 areas				
ROI	Up to 8 areas				
Motion Detection	Up to 4 areas				
<b>Network</b>					
Protocols	IPv4, IGMP, ICMP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, UPnP, HTTP, RTMP				
Compatible Integration	ONVIF (Profile S, Profile T), API				
<b>Interface</b>					
Network	10/100M Base-TX Ethernet				
Built-in Mic	Supported				
<b>General</b>					
Power	DC 12V±25%, PoE Power consumption: Max 3.5W				
Dimensions (L × W × H)	144 × 60 × 65mm (5.6" × 2.4" × 2.6")				
Weight	0.17kg (0.37lb)				
Working Environment	-30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)				
Ingress Protection	IP67				

# 2MP Vandal-resistant Fixed Dome Network Camera

IPC-D122-PF28(40)



## Key Features

### Optics

- Day/night functionality
- Smart IR, up to 30m (98ft) IR distance
- 2D/3D DNR (Digital Noise Reduction)

### Compression

- Ultra 265, H.265, H.264
- ROI (Region of Interest)

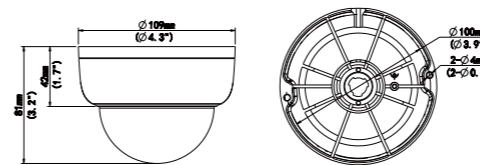
### Network

- ONVIF Conformance

### Structure

- Wide temperature range: -30°C ~ 60°C (-22°F ~ 140°F)
- Wide voltage range of ±25%
- IK10 vandal resistant
- IP67
- 2-Axis

## Dimensions



## Specifications

	IPC-D122-PF28	IPC-D122-PF40			
<b>Camera</b>					
Sensor	1/2.8", progressive scan, CMOS				
Lens	2.8mm@F2.1	4.0mm@F2.1			
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	2.8	43.4	17.4	8.7	4.3
	4.0	62.1	24.8	12.4	6.2
Angle of View (H)	106.7°		87.5°		
Angle of View (V)	57.1°		46.3°		
Angle of View (O)	115.7°		92.4°		
Adjustment angle	Pan: 3° ~ 360°		Tilt: 0° ~ 75°		
Shutter	Auto/Manual, 1 ~ 1/100000s				
Minimum Illumination	Colour: 0.02Lux (F2.1, AGC ON) 0Lux with IR				
Day/Night	IR-cut filter with auto switch (ICR)				
Digital noise reduction	2D/3D DNR				
S/N	>52dB				
IR Range	Up to 30m (98ft) IR range				
Defog	Digital Defog				
WDR	DWDR				
<b>Video</b>					
Video Compression	Ultra 265, H.265, H.264				
H.264 code profile	Baseline profile, Main Profile, High profile				
Frame Rate	Main Stream: 1080P (1920*1080), Max 25fps; 720P (1280*720), Max 25fps; Sub Stream: 720P (1280*720), Max 25fps; D1 (720*576), Max 25fps; 640*360, Max 25fps; 2CIF (704*288), Max 25fps; CIF (352*288), Max 25fps;				
HLC	Supported				
BLC	Supported				
OSD	Up to 4 OSDs				
Privacy Mask	Up to 4 areas				
ROI	Up to 8 areas				
Motion Detection	Up to 4 areas				
<b>Network</b>					
Protocols	IPv4, IGMP, ICMP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, UPnP, HTTP, RTMP				
Compatible Integration	ONVIF (Profile S, Profile T), API				
<b>Interface</b>					
Network	10/100M Base-TX Ethernet				
<b>General</b>					
Power	DC 12V±25%, PoE Power consumption: Max 3.5W				
Dimensions (Ø x H)	Ø 109x 81mm (Ø4.3" x 3.2")				
Weight	0.33kg (0.73lb)				
Working Environment	-30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)				
Ingress Protection	IP67				
Ingress Protection	IK10				

# 2MP Fixed Eyeball Network Camera

IPC-T122-APF28(40)



## Key Features

### Optics

- Day/night functionality
- Smart IR, up to 30m (98ft) IR distance
- 2D/3D DNR (Digital Noise Reduction)
- Built-in Mic

### Compression

- Ultra 265, H.265, H.264
- ROI (Region of Interest)

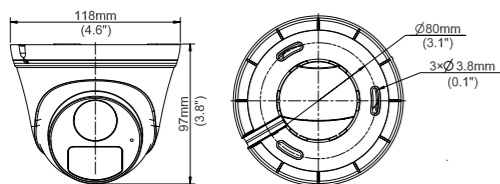
### Network

- ONVIF Conformance

### Structure

- Wide temperature range: -30°C ~ 60°C (-22°F ~ 140°F)
- Wide voltage range of ±25%
- IP67
- 3-Axis

## Dimensions



## Specifications

	IPC-T122-APF28	IPC-T122-APF40			
<b>Camera</b>					
Sensor	1/2.8", progressive scan, CMOS				
Lens	2.8mm@F2.1		4.0mm@F2.1		
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	2.8	43.4	17.4	8.7	4.3
	4.0	62.1	24.8	12.4	6.2
Angle of View (H)	106.7°		87.5°		
Angle of View (V)	57.1°		46.3°		
Angle of View (O)	115.7°		92.4°		
Adjustment angle	Pan: 0° ~ 360°		Tilt: 0° ~ 80°	Rotate: 0° ~ 360°	
Shutter	Auto/Manual, 1 ~ 1/100000s				
Minimum Illumination	Colour: 0.02Lux (F2.1, AGC ON) 0Lux with IR				
Day/Night	IR-cut filter with auto switch (ICR)				
Digital noise reduction	2D/3D DNR				
S/N	>52dB				
IR Range	Up to 30m (98ft) IR range				
Defog	Digital Defog				
WDR	DWDR				
<b>Video</b>					
Video Compression	Ultra 265, H.265, H.264				
H.264 code profile	Baseline profile, Main Profile, High profile				
Frame Rate	Main Stream: 1080P (1920*1080), Max 25fps; 720P (1280*720), Max 25fps; Sub Stream: 720P (1280*720), Max 25fps; D1 (720*576), Max 25fps; 640*360, Max 25fps; 2CIF (704*288), Max 25fps; CIF (352*288), Max 25fps;				
HLC	Supported				
BLC	Supported				
OSD	Up to 4 OSDs				
Privacy Mask	Up to 4 areas				
ROI	Up to 8 areas				
Motion Detection	Up to 4 areas				
<b>Network</b>					
Protocols	IPv4, IGMP, ICMP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, UPnP, HTTP, RTMP				
Compatible Integration	ONVIF (Profile S, Profile T), API				
<b>Interface</b>					
Network	10/100M Base-TX Ethernet				
Built-in Mic	Supported				
<b>General</b>					
Power	DC 12V±25%, PoE Power consumption: Max 3.5W				
Dimensions (Ø x H)	Ø 118 x 97mm (Ø4.6" x 3.8")				
Weight	0.25kg (0.55lb)				
Working Environment	-30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)				
Ingress Protection	IP67				

# 2MP Fixed Mini Bullet Network Camera

IPC-B122-APF28(40)K



## Key Features

### Optics

- Day/night functionality
- Smart IR, up to 30m (98ft) IR distance
- 2D/3D DNR (Digital Noise Reduction)
- Built-in Mic
- Support up to 128 GB Micro SD

### Compression

- Ultra 265, H.265, H.264
- ROI (Region of Interest)

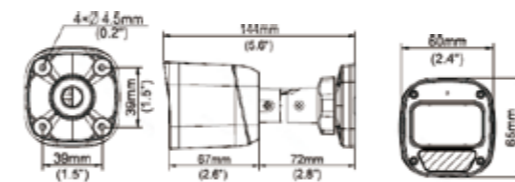
### Network

- ONVIF Conformance

### Structure

- Wide temperature range: -30°C ~ 60°C (-22°F ~ 140°F)
- Wide voltage range of ±25%
- IP67
- 3-Axis

## Dimensions



## Specifications

	IPC-B122-APF28K	IPC-B122-APF28K			
<b>Camera</b>					
Sensor	1/2.9", 2.0 megapixel, progressive scan, CMOS				
Lens	2.8mm@F2.1		4.0mm@F2.1		
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	2.8	45.0(147.6ft)	18.0(59.1ft)	9.0(29.5ft)	4.5(14.8ft)
	4.0	64.3(210.9ft)	25.7(84.4ft)	12.9(42.2ft)	6.4(21.1ft)
Angle of View (H)	101.1°		83.7°		
Angle of View (V)	55.0°		44.6°		
Angle of View (O)	111.0°		89.1°		
Adjustment angle	Pan: 0° ~ 360°		Tilt: 0° ~ 90°	Rotate: 0° ~ 360°	
Shutter	Auto/Manual, 1 ~ 1/100000s				
Minimum Illumination	Colour: 0.02Lux (F2.1, AGC ON) 0Lux with IR on				
Digital noise reduction	2D/3D DNR				
Day/Night	IR-cut filter with auto switch (ICR)				
S/N	>52dB				
IR Range	Up to 30m (98ft) IR range				
Defog	Digital Defog				
WDR	DWDR				
<b>Video</b>					
Video Compression	Ultra 265, H.265, H.264				
H.264 code profile	Baseline profile, Main profile, High profile				
Frame Rate	Main Stream: 1080P (1920*1080), Max 25fps; 720P (1280*720), Max 25fps; Sub Stream: D1 (720*576), Max 25fps; 640*360, Max 25fps; 2CIF(704*288), Max 25fps; CIF(352*288), Max 25fps;				
HLC	Supported				
BLC	Supported				
OSD	Up to 4 OSDs				
Privacy Mask	Up to 4 areas				
ROI	Up to 8 areas				
Motion Detection	Up to 4 areas				
<b>Network</b>					
Protocols	IPv4, IGMP, ICMP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, UPnP, HTTP, RTMP				
Compatible Integration	ONVIF (Profile S, Profile T, Profile G), API				
<b>Interface</b>					
Network	1 * RJ45 10M/100M Base-TX Ethernet				
Built-in Mic	Supported				
<b>General</b>					
Power	DC 12V±25%, PoE (IEEE 802.3af) Power consumption: Max 3.5W				
Dimensions (L x W x H)	144 x 60 x 65mm (5.6" x 2.4" x 2.6")				
Weight	0.17kg (0.37lb)				
Working Environment	30 C ~ 60 C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)				
Ingress Protection	IP67				

# 2MP HD IR Fixed Dome Network Camera

IPC-D122-PF28K



## Key Features

### Optics

- Day/night functionality
- Smart IR, up to 30m (98ft) IR distance
- 2D/3D DNR (Digital Noise Reduction)
- Support up to 128 GB Micro SD

### Compression

- Ultra 265, H.265, H.264
- ROI (Region of Interest)

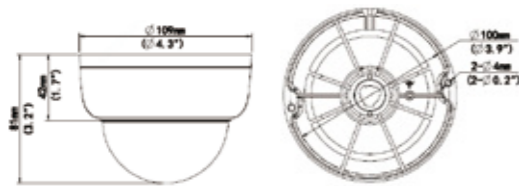
### Network

- ONVIF Conformance

### Structure

- Wide temperature range: -30°C ~ 60°C (-22°F ~ 140°F)
- Wide voltage range of ±25%
- IP67/IK10
- 3-Axis

## Dimensions



## Specifications

IPC-D122-PF28K	
<b>Camera</b>	
Sensor	1/2.9", 2.0 megapixel, progressive scan, CMOS
Lens	2.8mm@F2.1
	Lens (mm) Detect (m) Observe (m) Recognize (m) Identify (m)
DORI Distance	2.8 45.0(147.6ft) 18.0(59.1ft) 9.0(29.5ft) 4.5(14.8ft)
Angle of View (H)	101.1°
Angle of View (V)	55.0°
Angle of View (O)	111.0°
Adjustment angle	Pan: 3° ~ 360° Tilt: 0° ~ 75°
Shutter	Auto/Manual, 1 ~ 1/100000s
Minimum Illumination	Colour: 0.02Lux (F2.1, AGC ON) 0Lux with IR on
Day/Night	IR-cut filter with auto switch (ICR)
Digital noise reduction	2D/3D DNR
S/N	>52dB
IR Range	Up to 30m (98ft) IR range
Defog	Digital Defog
WDR	DWDR
<b>Video</b>	
Video Compression	Ultra 265, H.265, H.264
H.264 code profile	Baseline profile, Main profile, High profile
Frame Rate	Main Stream: 1080P (1920*1080), Max 25fps; 720P (1280*720), Max 25fps; Sub Stream: D1 (720*576), Max 25fps; 640*360, Max 25fps; 2CIF(704*288), Max 25fps; CIF(352*288), Max 25fps;
HLC	Supported
BLC	Supported
OSD	Up to 4 OSDs
Privacy Mask	Up to 4 areas
ROI	Up to 8 areas
Motion Detection	Up to 4 areas
<b>Network</b>	
Protocols	IPv4, IGMP, ICMP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, UPnP, HTTP, HTTPS, QoS, RTMP
Compatible Integration	ONVIF (Profile S, Profile T, Profile G), API
<b>Interface</b>	
Network	1 * RJ45 10M/100M Base-TX Ethernet
<b>General</b>	
Power	DC 12V±25%, PoE (IEEE 802.3af) Power consumption: Max 3.5W
Dimensions (Ø x H)	Ø 109x 81mm (Ø4.3" x 3.2")
Weight	0.33kg (0.73lb)
Working Environment	-30 C ~60 C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)
Ingress Protection	IP67
Ingress Protection	IK10

# 2MP Fixed Eyeball Network Camera

IPC-T122-APF28K



## Key Features

### Optics

- Day/night functionality
- Smart IR, up to 30m (98ft) IR distance
- 2D/3D DNR (Digital Noise Reduction)
- Built-in Mic
- Support up to 128 GB Micro SD

### Compression

- Ultra 265, H.265, H.264
- ROI (Region of Interest)

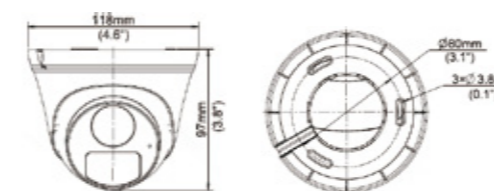
### Network

- ONVIF Conformance

### Structure

- Wide temperature range: -30°C ~ 60°C (-22°F ~ 140°F)
- Wide voltage range of ±25%
- IP67
- 3-Axis

## Dimensions



## Specifications

IPC-T122-APF28K	
<b>Camera</b>	
Sensor	1/2.9", 2.0 megapixel, progressive scan, CMOS
Lens	2.8mm@F2.1
	Lens (mm) Detect (m) Observe (m) Recognize (m) Identify (m)
DORI Distance	2.8 4.5(14.8ft) 18.0(59.1ft) 9.0(29.5ft) 4.5(14.8ft)
Angle of View (H)	101.1°
Angle of View (V)	55.0°
Angle of View (O)	111.0°
Adjustment angle	Pan: 0° ~ 360° Tilt: 0° ~ 80° Rotate: 0° ~ 360°
Shutter	Auto/Manual, 1 ~ 1/100000s
Minimum Illumination	Colour: 0.02Lux (F2.1, AGC ON) 0Lux with IR on
Day/Night	IR-cut filter with auto switch (ICR)
Digital noise reduction	2D/3D DNR
S/N	>52dB
IR Range	Up to 30m (98ft) IR range
Defog	Digital Defog
WDR	DWDR
<b>Video</b>	
Video Compression	Ultra 265, H.265, H.264
H.264 code profile	Baseline profile, Main profile, High profile
Frame Rate	Main Stream: 1080P (1920*1080), Max 25fps; 720P (1280*720), Max 25fps; Sub Stream: D1 (720*576), Max 25fps; 640*360, Max 25fps; 2CIF(704*288), Max 25fps; CIF(352*288), Max 25fps;
HLC	Supported
BLC	Supported
OSD	Up to 4 OSDs
Privacy Mask	Up to 4 areas
ROI	Up to 8 areas
Motion Detection	Up to 4 areas
<b>Network</b>	
Protocols	IPv4, IGMP, ICMP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, UPnP, HTTP, HTTPS, QoS, RTMP
Compatible Integration	ONVIF (Profile S, Profile T), API
<b>Interface</b>	
Network	1 * RJ45 10M/100M Base-TX Ethernet
Built-in Mic	Supported
<b>General</b>	
Power	DC 12V±25%, PoE (IEEE 802.3af) Power consumption: Max 3.5W
Dimensions (Ø x H)	Ø 118 x 97mm (Ø4.6" x 3.8")
Weight	0.25kg (0.55lb)
Working Environment	-30 C ~60 C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)
Ingress Protection	IP67

# 2MP Fixed Bullet Network Camera

IPC-B222-APF40



## Key Features

### Optics

- Day/night functionality
- Smart IR, up to 60m (196ft) IR distance
- Optical glass window with higher light transmittance
- IR anti-reflection window to increase the infrared transmittance
- 2D/3D DNR (Digital Noise Reduction)
- Built-in Mic

### Compression

- H.265, H.264
- ROI (Region of Interest)

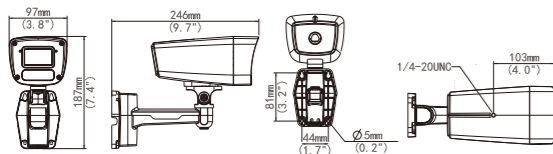
### Network

- ONVIF Conformance

### Structure

- Wide temperature range: -30°C ~ 60°C (-22°F ~ 140°F)
- Wide voltage range of DC12V(±25%)
- IP67

## Dimensions



## Specifications

IPC-B222-APF40	
<b>Camera</b>	
Sensor	1/3", progressive scan, CMOS
Minimum Illumination	Colour: 0.02 (F2.3, AGC ON) 0Lux with IR on
WDR	DWDR
<b>Lens</b>	
Lens Type	4.0mm @2.3, Fixed-focal
Field of View (H)	80.2°
Field of View (V)	42.9°
Field of View (D)	86.0°
<b>Illuminator</b>	
IR Range	Up to 60m (196ft) IR range
<b>Video</b>	
Video Compression	H.265, H.264
H.264 code profile	Baseline profile, Main profile, High profile
Frame Rate	Main Stream: 2MP (1920*1080), Max 25fps; 720P (1280*720), Max 25fps; Sub Stream: D1 (720*576), Max 25fps; 640*360, Max 25fps; 2CIF(704*288), Max 25fps; CIF(352*288), Max 25fps;
<b>Image</b>	
White Balance	Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2
Digital Noise Reduction	2D/3D DNR
Smart IR	Supported
HLC	Supported
BLC	Supported
Defog	Digital Defog
<b>Events</b>	
Basic Detection	motion detection, audio detection
General Function	Watermark, IP address filtering, access policy, ARP protection, RTSP authentication, user authentication, HTTP authentication
<b>Network</b>	
Protocols	IPv4, IGMP, ICMP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, UPnP, HTTP, RTMP
Compatible Integration	ONVIF (Profile S, Profile T), API
Client	Uniarch Client Uniarch APP
<b>Interface</b>	
Network	1 * RJ45 10M/100M Base-TX Ethernet
Built-in Mic	Supported
<b>Certifications</b>	
Protection	IP67

# 4MP Fixed Mini Bullet Network Camera

IPC-B124-APF28(40)



## Key Features

### Optics

- Day/night functionality
- Smart IR, up to 30m (98ft) IR distance
- Optical glass window with higher light transmittance
- IR anti-reflection window to increase the infrared transmittance
- 2D/3D DNR (Digital Noise Reduction)
- Built-in Mic

### Compression

- Ultra 265, H.265, H.264, MJPEG
- ROI (Region of Interest)

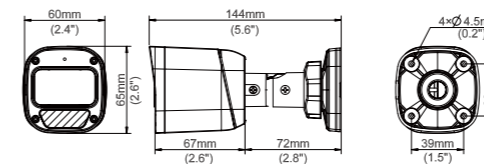
### Network

- ONVIF Conformance

### Structure

- Wide temperature range: -30°C ~ 60°C (-22°F ~ 140°F)
- Wide voltage range of ±25%
- IP67

## Dimensions



## Specifications

	IPC-B124-APF28	IPC-B124-APF40
<b>Camera</b>		
Sensor	1/3", progressive scan, CMOS	
Lens	2.8mm@F2.1	4.0mm@F2.1
DORI Distance	Lens (mm)	Detect (m) Observe (m) Recognize (m) Identify (m)
	2.8	63.0 25.2 12.6 6.3
	4.0	90.0 36.0 18.0 9.0
Angle of View (H)	97.0° 79.0°	
Angle of View (V)	52.2° 42.3°	
Angle of View (O)	107.5° 85.1°	
Adjustment angle	Pan: 0° ~ 360°	Tilt: 0° ~ 90° Rotate: 0° ~ 360°
Shutter	Auto/Manual, 1 ~ 1/100000s	
Minimum Illumination	Colour: 0.02Lux (F2.1, AGC ON) 0Lux with IR on	
Digital noise reduction	2D/3D DNR	
Day/Night	IR-cut filter with auto switch (ICR)	
S/N	>52dB	
IR Range	Up to 30m (98ft) IR range	
Defog	Digital Defog	
WDR	DWDR	
<b>Video</b>		
Video Compression	Ultra 265, H.265, H.264	
H.264 code profile	Baseline profile, Main Profile, High profile	
Frame Rate	Main Stream: 4MP (2560*1440), Max 20fps; 3MP (2304*1296), Max 20fps; 1080P (1920*1080), Max 30fps; Sub Stream: 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360, Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps;	
HLC	Supported	
BLC	Supported	
OSD	Up to 4 OSDs	
Privacy Mask	Up to 4 areas	
ROI	Up to 8 areas	
Motion Detection	Up to 4 areas	
<b>Network</b>		
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SSL, QoS, RTMP	
Compatible Integration	ONVIF (Profile S, Profile T), API	
<b>Interface</b>		
Network	10/100M Base-TX Ethernet	
Built-in Mic	Supported	
<b>General</b>		
Power	DC 12V±25%, PoE Power consumption: Max 3.5W	
Dimensions (L × W × H)	144 × 60 × 65mm (5.6" × 2.4" × 2.6")	
Weight	0.17kg (0.37lb)	
Working Environment	-30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)	
Ingress Protection	IP67	

# 4MP Vandal-resistant Fixed Dome Network Camera

IPC-D124-PF28(40)



## Key Features

### Optics

- Day/night functionality
- Smart IR, up to 30m (98ft) IR distance
- 2D/3D DNR (Digital Noise Reduction)

### Compression

- Ultra 265, H.265, H.264, MJPEG
- ROI (Region of Interest)

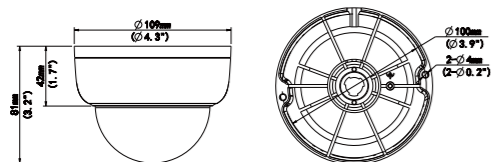
### Network

- ONVIF Conformance

### Structure

- Wide temperature range: -30°C ~ 60°C (-22°F ~ 140°F)
- Wide voltage range of ±25%
- IK10 vandal resistant
- IP67
- 2-Axis

## Dimensions



## Specifications

	IPC-D124-PF28	IPC-D124-PF40
<b>Camera</b>		
Sensor	1/3", progressive scan, CMOS	
Lens	2.8mm@F2.1	4.0mm@F2.1
DORI Distance	Lens (mm)	Detect (m)   Observe (m)   Recognize (m)   Identify (m)
	2.8	63.0   25.2   12.6   6.3
	4.0	90.0   36.0   18.0   9.0
Angle of View (H)	97.0°	79.0°
Angle of View (V)	52.2°	42.3°
Angle of View (O)	107.5°	85.1°
Adjustment angle	Pan: 3° ~ 360°	Tilt: 0° ~ 75°
Shutter	Auto/Manual, 1 ~ 1/1000000s	
Minimum Illumination	Colour: 0.02Lux (F2.1, AGC ON) 0Lux with IR on	
Digital noise reduction	2D/3D DNR	
Day/Night	IR-cut filter with auto switch (ICR)	
S/N	>52dB	
IR Range	Up to 30m (98ft) IR range	
Defog	Digital Defog	
WDR	DWDR	
<b>Video</b>		
Video Compression	Ultra 265, H.265, H.264	
H.264 code profile	Baseline profile, Main Profile, High profile	
Frame Rate	Main Stream: 4MP (2560*1440), Max 20fps; 3MP (2304*1296), Max 20fps; 1080P (1920*1080), Max 20fps; Sub Stream: 720P (1280*720), Max 20fps; D1 (720*576), Max 20fps; 640*360, Max 20fps; 2CIF(704*288), Max 20fps; CIF(352*288), Max 20fps;	
HLC	Supported	
BLC	Supported	
OSD	Up to 4 OSDs	
Privacy Mask	Up to 4 areas	
ROI	Up to 8 areas	
Motion Detection	Up to 4 areas	
<b>Network</b>		
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SSL, QoS, RTMP	
Compatible Integration	ONVIF (Profile S, Profile T), API	
<b>Interface</b>		
Network	10/100M Base-TX Ethernet	
<b>General</b>		
Power	DC 12V±25%, PoE Power consumption: Max 3.5W	
Dimensions (Ø x H)	Ø 109 x 81mm (Ø4.3" x 3.2")	
Weight	0.33kg (0.73lb)	
Working Environment	-30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)	
Ingress Protection	IP67	
Vandal Resistant	IK10	

# 4MP Fixed Eyeball Network Camera

IPC-T124-APF28(40)



## Key Features

### Optics

- Day/night functionality
- Smart IR, up to 30m (98ft) IR distance
- 2D/3D DNR (Digital Noise Reduction)
- Built-in Mic

### Compression

- Ultra 265, H.265, H.264, MJPEG
- ROI (Region of Interest)

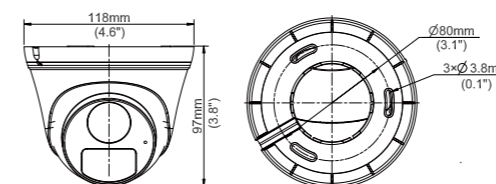
### Network

- ONVIF Conformance

### Structure

- Wide temperature range: -30°C ~ 60°C (-22°F ~ 140°F)
- Wide voltage range of ±25%
- IP67
- 3-Axis

## Dimensions



## Specifications

	IPC-T124-APF28	IPC-T124-APF40
<b>Camera</b>		
Sensor	1/3", progressive scan, CMOS	
Lens	2.8mm@F2.1	4.0mm@F2.1
DORI Distance	Lens (mm)	Detect (m)   Observe (m)   Recognize (m)   Identify (m)
	2.8	63.0   25.2   12.6   6.3
	4.0	90.0   36.0   18.0   9.0
Angle of View (H)	97.0°	79.0°
Angle of View (V)	52.2°	42.3°
Angle of View (O)	107.5°	85.1°
Adjustment angle	Pan: 0° ~ 360°	Tilt: 0° ~ 80°   Rotate: 0° ~ 360°
Shutter	Auto/Manual, 1 ~ 1/1000000s	
Minimum Illumination	Colour: 0.02Lux (F2.1, AGC ON) 0Lux with IR on	
Digital noise reduction	2D/3D DNR	
Day/Night	IR-cut filter with auto switch (ICR)	
S/N	>56dB	
IR Range	Up to 30m (98ft) IR range	
Defog	Digital Defog	
WDR	DWDR	
<b>Video</b>		
Video Compression	Ultra 265, H.265, H.264	
H.264 code profile	Baseline profile, Main Profile, High profile	
Frame Rate	Main Stream: 4MP (2560*1440), Max 20fps; 3MP (2304*1296), Max 20fps; 1080P (1920*1080), Max 30fps; Sub Stream: 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360, Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps;	
HLC	Supported	
BLC	Supported	
OSD	Up to 4 OSDs	
Privacy Mask	Up to 4 areas	
ROI	Up to 8 areas	
Motion Detection	Up to 4 areas	
<b>Network</b>		
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SSL, QoS, RTMP	
Compatible Integration	ONVIF (Profile S, Profile T), API	
<b>Interface</b>		
Network	10/100M Base-TX Ethernet	
Built-in Mic	Supported	
<b>General</b>		
Power	DC 12V±25%, PoE	
Dimensions (Ø x H)	Ø 118 x 97mm (Ø4.6" x 3.8")	
Weight	0.27kg (0.60lb)	
Working Environment	-30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)	
Ingress Protection	IP67	

# 4MP Fixed Mini Bullet Network Camera

IPC-B124-APF28(40)K



## Key Features

### Optics

- Day/night functionality
- Smart IR, up to 30m (98ft) IR distance
- 2D/3D DNR (Digital Noise Reduction)
- Built-in Mic
- Support up to 128 GB Micro SD

### Compression

- Ultra 265, H.265, H.264
- ROI (Region of Interest)

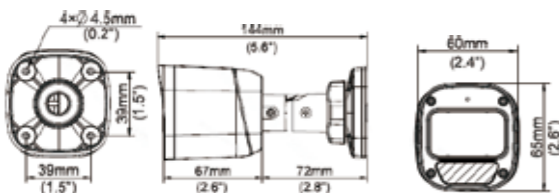
### Network

- ONVIF Conformance

### Structure

- Wide temperature range: -30°C ~ 60°C (-22°F ~ 140°F)
- Wide voltage range of ±25%
- IP67
- 3-Axis

## Dimensions



## Specifications

	IPC-B124-APF28K	IPC-B124-APF40K			
<b>Camera</b>					
Sensor	1/3", 4.0 megapixel, progressive scan, CMOS				
Lens	2.8mm@F2.1	4.0mm@F2.1			
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	2.8	63.0	25.2	12.6	6.3
	4.0	90.0	36.0	18.0	9.0
Angle of View (H)	97.0°		79.0°		
Angle of View (V)	52.2°		42.3°		
Angle of View (O)	107.5°		85.1°		
Adjustment angle	Pan: 0° ~ 360°	Tilt: 0° ~ 90°	Rotate: 0° ~ 360°		
Shutter	Auto/Manual, 1 ~ 1/100000s				
Minimum Illumination	Colour: 0.02Lux (F2.1, AGC ON) 0Lux with IR on				
Digital noise reduction	2D/3D DNR				
Day/Night	IR-cut filter with auto switch (ICR)				
S/N	>52dB				
IR Range	Up to 30m (98ft) IR range				
Defog	Digital Defog				
WDR	DWDR				
<b>Video</b>					
Video Compression	Ultra 265, H.265, H.264				
H.264 code profile	Baseline profile, Main profile, High profile				
Frame Rate	Main Stream: 4MP (2560*1440), Max 30fps; 3MP (2304*1296), Max 30fps; 1080P (1920*1080), Max 30fps; Sub Stream: 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360, Max 30fps; 2CIF (704*288), Max 30fps; CIF (352*288), Max 30fps;				
HLC	Supported				
BLC	Supported				
OSD	Up to 4 OSDs				
Privacy Mask	Up to 4 areas				
ROI	Up to 8 areas				
Motion Detection	Up to 4 areas				
<b>Network</b>					
Protocols	IPv4, IGMP, ICMP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, UPnP, HTTP, HTTPS, SSL, QoS, RTMP				
Compatible Integration	ONVIF (Profile S, Profile T, Profile G), API				
<b>Interface</b>					
Network	ONVIF (Profile S, Profile T, Profile G), API				
Built-in Mic	Supported				
<b>General</b>					
Power	DC 12V±25%, PoE (IEEE 802.3af) Power consumption: Max 3.5W				
Dimensions (L x W x H)	144 x 60 x 65mm (5.6" x 2.4" x 2.6")				
Weight	0.17kg (0.37lb)				
Working Environment	30 C ~ 60 C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)				
Ingress Protection	IP67				

# 4MP Vandal-resistant Fixed Dome Network Camera

IPC-D124-PF28K



## Key Features

### Optics

- Day/night functionality
- Smart IR, up to 30m (98ft) IR distance
- 2D/3D DNR (Digital Noise Reduction)
- Support up to 128 GB Micro SD

### Compression

- Ultra 265, H.265, H.264
- ROI (Region of Interest)

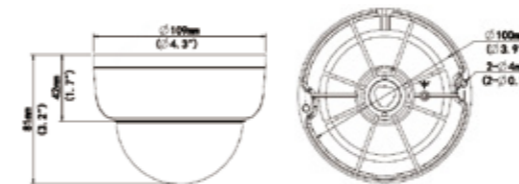
### Network

- ONVIF Conformance

### Structure

- Wide temperature range: -30°C ~ 60°C (-22°F ~ 140°F)
- Wide voltage range of ±25%
- IP67/IK10
- 3-Axis

## Dimensions



## Specifications

	IPC-D124-PF28K				
<b>Camera</b>					
Sensor	1/3", 4.0 megapixel, progressive scan, CMOS				
Lens	2.8mm@F2.1				
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	2.8	63.0	25.2	12.6	6.3
Angle of View (H)	97.0°				
Angle of View (V)	52.2°				
Angle of View (O)	107.5°				
Adjustment angle	Pan: 3° ~ 360°		Tilt: 0° ~ 75°		
Shutter	Auto/Manual, 1 ~ 1/100000s				
Minimum Illumination	Colour: 0.02Lux (F2.1, AGC ON) 0Lux with IR on				
Day/Night	IR-cut filter with auto switch (ICR)				
Digital noise reduction	2D/3D DNR				
S/N	>52dB				
IR Range	Up to 30m (98ft) IR range				
Defog	Digital Defog				
WDR	DWDR				
<b>Video</b>					
Video Compression	Ultra 265, H.265, H.264				
H.264 code profile	Baseline profile, Main profile, High profile				
Frame Rate	Main Stream: 4MP (2560*1440), Max 30fps; 3MP (2304*1296), Max 30fps; 1080P (1920*1080), Max 30fps; Sub Stream: 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360, Max 30fps; 2CIF (704*288), Max 30fps; CIF (352*288), Max 30fps;				
HLC	Supported				
BLC	Supported				
OSD	Up to 4 OSDs				
Privacy Mask	Up to 4 areas				
ROI	Up to 8 areas				
Motion Detection	Up to 4 areas				
<b>Network</b>					
Protocols	IPv4, IGMP, ICMP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, UPnP, HTTP, HTTPS, SSL, QoS, RTMP				
Compatible Integration	ONVIF (Profile S, Profile T, Profile G), API				
<b>Interface</b>					
Network	1 * RJ45 10M/100M Base-TX Ethernet				
<b>General</b>					
Power	DC 12V±25%, PoE (IEEE 802.3af) Power consumption: Max 3.5W				
Dimensions (Ø x H)	Ø 109x 81mm (Ø4.3" x 3.2")				
Weight	0.33kg (0.73lb)				
Working Environment	-30 C ~ 60 C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)				
Ingress Protection	IP67				
Ingress Protection	IK10				

# 4MP Fixed Eyeball Network Camera

IPC-T124-APF28K



## Key Features

### Optics

- Day/night functionality
- Smart IR, up to 30m (98ft) IR distance
- 2D/3D DNR (Digital Noise Reduction)
- Built-in Mic
- Support up to 128 GB Micro SD

### Compression

- Ultra 265, H.265, H.264
- ROI (Region of Interest)

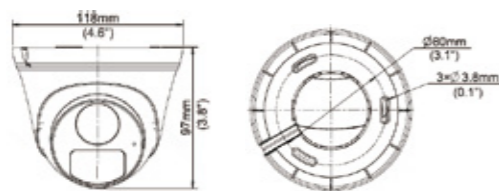
### Network

- ONVIF Conformance

### Structure

- Wide temperature range: -30°C ~ 60°C (-22°F ~ 140°F)
- Wide voltage range of ±25%
- IP67
- 3-Axis

## Dimensions



## Specifications

IPC-T122-APF28K					
<b>Camera</b>					
Sensor	1/3", 4.0 megapixel, progressive scan, CMOS				
Lens	2.8mm@F2.1				
	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
DORI Distance	2.8	63.0	25.2	12.6	6.3
Angle of View (H)	97.0°				
Angle of View (V)	52.2°				
Angle of View (O)	107.5°				
Adjustment angle	Pan: 0° ~ 360°		Tilt: 0° ~ 80°		Rotate: 0° ~ 360°
Shutter	Auto/Manual, 1 ~ 1/100000s				
Minimum Illumination	Colour: 0.02Lux (F2.1, AGC ON) 0Lux with IR on				
Day/Night	IR-cut filter with auto switch (ICR)				
Digital noise reduction	2D/3D DNR				
S/N	>52dB				
IR Range	Up to 30m (98ft) IR range				
Defog	Digital Defog				
WDR	DWDR				
<b>Video</b>					
Video Compression	Ultra 265, H.265, H.264				
H.264 code profile	Baseline profile, Main profile, High profile				
Frame Rate	Main Stream: 4MP (2560*1440), Max 30fps; 3MP (2304*1296), Max 30fps; 1080P (1920*1080), Max 30fps; Sub Stream: 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360, Max 30fps; 2CIF (704*288), Max 30fps; CIF (352*288), Max 30fps;				
HLC	Supported				
BLC	Supported				
OSD	Up to 4 OSDs				
Privacy Mask	Up to 4 areas				
ROI	Up to 8 areas				
Motion Detection	Up to 4 areas				
<b>Network</b>					
Protocols	IPv4, IGMP, ICMP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, UPnP, HTTP, HTTPS, SSL, QoS, RTMP				
Compatible Integration	ONVIF (Profile S, Profile T, Profile G), API				
<b>Interface</b>					
Network	1 * RJ45 10M/100M Base-TX Ethernet				
Built-in Mic	Supported				
<b>General</b>					
Power	DC 12V±25%, PoE (IEEE 802.3af) Power consumption: Max 3.5W				
Dimensions (Ø x H)	Ø 118 x 97mm (Ø4.6" x 3.8")				
Weight	0.27kg (0.60lb)				
Working Environment	-30 C ~ 60 C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)				
Ingress Protection	IP67				

# 5MP Fixed Mini Bullet Network Camera

IPC-B125-APF28(40)



## Key Features

### Optics

- Day/night functionality
- Smart IR, up to 30m (98ft) IR distance
- Optical glass window with higher light transmittance
- IR anti-reflection window to increase the infrared transmittance
- 2D/3D DNR (Digital Noise Reduction)
- Built-in Mic

### Compression

- Ultra 265, H.265, H.264, MJPEG
- ROI (Region of Interest)

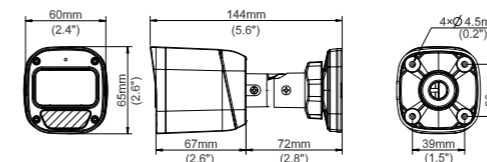
### Network

- ONVIF Conformance

### Structure

- Wide temperature range: -30°C ~ 60°C (-22°F ~ 140°F)
- Wide voltage range of ±25%
- IP67

## Dimensions



## Specifications

	IPC-B125-APF28	IPC-B125-APF40			
<b>Camera</b>					
Sensor	1/3", progressive scan, CMOS				
Lens	2.8mm@F2.1	4.0mm@F2.1			
	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
DORI Distance	2.8	63.0	25.2	12.6	6.3
	4.0	90.0	36.0	18.0	9.0
Adjustment angle	Pan: 0° ~ 360°		Tilt: 0° ~ 90°		Rotate: 0° ~ 360°
Shutter	Auto/Manual, 1 ~ 1/100000s				
Minimum Illumination	Colour: 0.02Lux (F2.1, AGC ON) 0Lux with IR on				
Digital noise reduction	2D/3D DNR				
Day/Night	IR-cut filter with auto switch (ICR)				
S/N	>52dB				
IR Range	Up to 30m (98ft) IR range				
Defog	Digital Defog				
WDR	DWDR				
<b>Video</b>					
Video Compression	Ultra 265, H.265, H.264				
H.264 code profile	Baseline profile, Main Profile, High profile				
Frame Rate	Main Stream: 5MP (2592*1944), Max 20fps; 4MP (2560*1440), Max 20fps; 3MP (2304*1296), Max 20fps; 1080P (1920*1080), Max 30fps; Sub Stream: 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360, Max 30fps; 2CIF (704*288), Max 30fps; CIF (352*288), Max 30fps;				
HLC	Supported				
BLC	Supported				
OSD	Up to 4 OSDs				
Privacy Mask	Up to 4 areas				
ROI	Up to 8 areas				
Motion Detection	Up to 4 areas				
<b>Network</b>					
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SSL, QoS, RTMP				
Compatible Integration	ONVIF (Profile S, Profile T), API				
<b>Interface</b>					
Network	10/100M Base-TX Ethernet				
Built-in Mic	Supported				
<b>General</b>					
Power	DC 12V±25%, PoE				
Dimensions	144 × 60 × 65mm (5.6" × 2.4" × 2.6")				
Weight	0.19kg (0.42lb)				
Working Environment	-30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)				
Ingress Protection	IP67				

# 5MP Vandal-resistant Fixed Dome Network Camera

IPC-D125-PF28(40)



## Key Features

### Optics

- Day/night functionality
- Smart IR, up to 30m (98ft) IR distance
- 2D/3D DNR (Digital Noise Reduction)

### Compression

- Ultra 265, H.265, H.264, MJPEG
- ROI (Region of Interest)

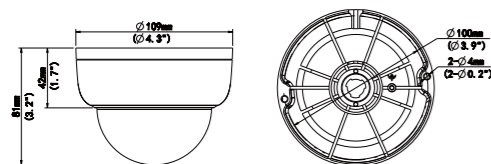
### Network

- ONVIF Conformance

### Structure

- Wide temperature range: -30°C ~ 60°C (-22°F ~ 140°F)
- Wide voltage range of ±25%
- IK10 vandal resistant
- IP67
- 2-Axis

## Dimensions



## Specifications

	IPC-D125-PF28	IPC-D125-PF40
<b>Camera</b>		
Sensor	1/3", progressive scan, CMOS	
Lens	2.8mm@F2.1	4.0mm@F2.1
DORI Distance	Lens (mm)	Detect (m) Observe (m) Recognize (m) Identify (m)
	2.8	63.0 25.2 12.6 6.3
	4.0	90.0 36.0 18.0 9.0
Adjustment angle	Pan: 3° ~ 360°	Tilt: 0° ~ 75°
Shutter	Auto/Manual, 1 ~ 1/100000s	
Minimum Illumination	Colour: 0.02Lux (F2.1, AGC ON) 0Lux with IR on	
Digital noise reduction	2D/3D DNR	
Day/Night	IR-cut filter with auto switch (ICR)	
S/N	>52dB	
IR Range	Up to 30m (98ft) IR range	
Defog	Digital Defog	
WDR	DWDR	
<b>Video</b>		
Video Compression	Ultra 265, H.265, H.264	
H.264 code profile	Baseline profile, Main Profile, High profile	
Frame Rate	Main Stream: 5MP (2880*1620), Max 20fps; 4MP (2560*1440), Max 20fps; 3MP (2304*1296), Max 20fps; 1080P (1920*1080), Max 30fps; Sub Stream: 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360, Max 30fps; 2CIF (704*288), Max 30fps; CIF (352*288), Max 30fps;	
HLC	Supported	
BLC	Supported	
OSD	Up to 4 OSDs	
Privacy Mask	Up to 4 areas	
ROI	Up to 8 areas	
Motion Detection	Up to 4 areas	
<b>Network</b>		
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SSL, QoS, RTMP	
Compatible Integration	ONVIF (Profile S, Profile T), API	
<b>Interface</b>		
Network	10/100M Base-TX Ethernet	
<b>General</b>		
Power	DC 12V±25%, PoE	
Dimensions (Ø x H)	Ø 109 x 81mm (Ø4.3" x 3.2")	
Weight	0.33kg (0.73lb)	
Working Environment	-30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)	
Ingress Protection	IP67	
Vandal Resistant	IK10	

# 5MP Fixed Eyeball Network Camera

IPC-T125-APF28(40)



## Key Features

### Optics

- Day/night functionality
- Smart IR, up to 30m (98ft) IR distance
- 2D/3D DNR (Digital Noise Reduction)
- Built-in Mic

### Compression

- Ultra 265, H.265, H.264, MJPEG
- ROI (Region of Interest)

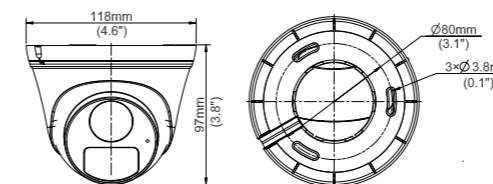
### Network

- ONVIF Conformance

### Structure

- Wide temperature range: -30°C ~ 60°C (-22°F ~ 140°F)
- Wide voltage range of ±25%
- IP67
- 3-Axis

## Dimensions



## Specifications

	IPC-T125-APF28	IPC-T125-APF40
<b>Camera</b>		
Sensor	1/3", progressive scan, CMOS	
Lens	2.8mm@F2.1	4.0mm@F2.1
DORI Distance	Lens (mm)	Detect (m) Observe (m) Recognize (m) Identify (m)
	2.8	63.0 25.2 12.6 6.3
	4.0	90.0 36.0 18.0 9.0
Adjustment angle	Pan: 0° ~ 360°	Tilt: 0° ~ 80° Rotate: 0° ~ 360°
Shutter	Auto/Manual, 1 ~ 1/100000s	
Minimum Illumination	Colour: 0.02Lux (F2.1, AGC ON) 0Lux with IR on	
Digital noise reduction	2D/3D DNR	
Day/Night	IR-cut filter with auto switch (ICR)	
S/N	>56dB	
IR Range	Up to 30m (98ft) IR range	
Defog	Digital Defog	
WDR	DWDR	
<b>Video</b>		
Video Compression	Ultra 265, H.265, H.264	
H.264 code profile	Baseline profile, Main Profile, High profile	
Frame Rate	Main Stream: 5MP (2880*1620), Max 20fps; 4MP (2560*1440), Max 20fps; 3MP (2304*1296), Max 20fps; 1080P (1920*1080), Max 30fps; Sub Stream: 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360, Max 30fps; 2CIF (704*288), Max 30fps; CIF (352*288), Max 30fps;	
HLC	Supported	
BLC	Supported	
OSD	Up to 4 OSDs	
Privacy Mask	Up to 4 areas	
ROI	Up to 8 areas	
Motion Detection	Up to 4 areas	
<b>Network</b>		
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SSL, QoS, RTMP	
Compatible Integration	ONVIF (Profile S, Profile T), API	
<b>Interface</b>		
Network	10/100M Base-TX Ethernet	
Built-in Mic	Supported	
<b>General</b>		
Power	DC 12V±25%, PoE	
Dimensions (Ø x H)	Ø 118 x 97mm (Ø4.6" x 3.8")	
Weight	0.27kg (0.60lb)	
Working Environment	-30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)	
Ingress Protection	IP67	

# 2MP HD VF Bullet Network Camera

IPC-B312-APKZ



## Key Features

### Optics

- Day/night functionality
- Smart IR, up to 50m (164ft) IR distance
- Optical glass window with higher light transmittance
- IR anti-reflection window to increase the infrared transmittance
- 2D/3D DNR (Digital Noise Reduction)
- Built-in Mic

### Compression

- Ultra 265, H.265, H.264
- ROI (Region of Interest)

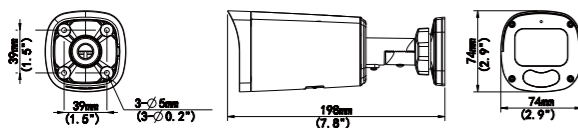
### Network

- ONVIF Conformance

### Structure

- Wide temperature range: -30°C ~ 60°C (-22°F ~ 140°F)
- Wide voltage range of ±25%
- IP67

## Dimensions



## Specifications

IPC-B312-APKZ	
<b>Camera</b>	
Sensor	1/2.7", progressive scan, CMOS
Lens	2.8 ~ 12mm, AF automatic focusing and motorized zoom lens
DORI Distance	Lens (mm) Detect (m) Observe (m) Recognize (m) Identify (m)
	2.8 42 16.8 8.4 4.2
	12 180 72 36 18
Angle of View (H)	108.05°~ 32.59°
Angle of View (V)	56.81°~ 18.36°
Angle of View (O)	111.91°~36.53° Tilt: 0° ~ 90° Rotate: 0° ~ 360°
Adjustment angle	Pan: 0° ~ 360°
Shutter	Auto/Manual, 1 ~ 1/100000s
Minimum Illumination	Colour: 0.01Lux (F1.8, AGC ON) 0Lux with IR on
Digital noise reduction	2D/3D DNR
Day/Night	IR-cut filter with auto switch (ICR)
S/N	>52dB
IR Range	Up to 50m (164ft) IR range
Defog	Digital Defog
WDR	120dB
<b>Storage</b>	
Edge Storage	Micro SD, up to 128GB
Network Storage	ANR,NAS(NFS)
<b>Video</b>	
Video Compression	Ultra 265, H.265, H.264, MJPEG
H.264 code profile	Baseline profile, Main Profile, High profile
Frame Rate	Main Stream: 1080P (1920*1080), Max 30fps; 720P (1280*720), Max 30fps Sub Stream: 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360,Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps;
HLC	Supported
BLC	Supported
OSD	Up to 4 OSDs
Privacy Mask	Up to 4 areas
ROI	Up to 8 areas
Motion Detection	Up to 4 areas
<b>Smart</b>	
Behavior Detection	Intrusion(based on human body detection)
	Motion detection, tampering alarm, audio detection
<b>Network</b>	
Protocols	IPv4, IGMP, ICMP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, UPnP, HTTP, RTMP
Compatible Integration	ONVIF (Profile S, Profile T, Profile G), API
<b>Interface</b>	
Network	10/100M Base-TX Ethernet
Built-in Mic	Supported
<b>General</b>	
Power	DC 12V±25%, PoE Power consumption: Max 3.5W
Ingress Protection	IP67

# 2MP Vandal-resistant VF Dome Network Camera

IPC-D312-APKZ



## Key Features

### Optics

- Day/night functionality
- Smart IR, up to 30m (98ft) IR distance
- 2D/3D DNR (Digital Noise Reduction)
- Built-in Mic

### Compression

- Ultra 265, H.265, H.264
- ROI (Region of Interest)

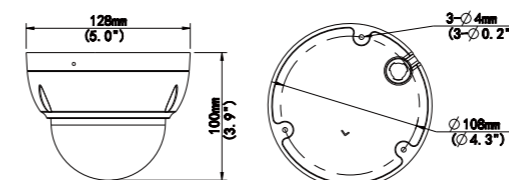
### Network

- ONVIF Conformance

### Structure

- Wide temperature range: -30°C ~ 60°C (-22°F ~ 140°F)
- Wide voltage range of ±25%
- IK10 vandal resistant
- IP67
- 3-Axis

## Dimensions



## Specifications

IPC-D312-APKZ	
<b>Camera</b>	
Sensor	1/2.7", progressive scan, CMOS
Lens	2.8 ~ 12mm, AF automatic focusing and motorized zoom lens
DORI Distance	Lens (mm) Detect (m) Observe (m) Recognize (m) Identify (m)
	2.8 42 16.8 8.4 4.2
	12 180 72 36 18
Angle of View (H)	108.05°~ 32.59°
Angle of View (V)	56.81°~ 18.36°
Angle of View (O)	111.91°~36.53°
Adjustment angle	Pan: 3° ~ 360° Tilt: 0° ~ 70° Rotate: 3° ~ 360°
Shutter	Auto/Manual, 1 ~ 1/100000s
Minimum Illumination	Colour: 0.01Lux (F1.8, AGC ON) 0Lux with IR on
Digital noise reduction	2D/3D DNR
Day/Night	IR-cut filter with auto switch (ICR)
S/N	>52dB
IR Range	Up to 30m (98ft) IR range
Defog	Digital Defog
WDR	120dB
<b>Storage</b>	
Edge Storage	Micro SD, up to 128GB
Network Storage	ANR,NAS(NFS)
<b>Video</b>	
Video Compression	Ultra 265, H.265, H.264, MJPEG
H.264 code profile	Baseline profile, Main Profile, High profile
Frame Rate	Main Stream: 1080P (1920*1080), Max 30fps; 720P (1280*720), Max 30fps Sub Stream: 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360,Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps;
HLC	Supported
BLC	Supported
OSD	Up to 4 OSDs
Privacy Mask	Up to 4 areas
ROI	Up to 8 areas
Motion Detection	Up to 4 areas
<b>Smart</b>	
Behavior Detection	Intrusion(based on human body detection)
	Motion detection, tampering alarm, audio detection
<b>Network</b>	
Protocols	IPv4, IGMP, ICMP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, UPnP, HTTP, RTMP
Compatible Integration	ONVIF (Profile S, Profile T, Profile G), API
<b>Interface</b>	
Network	10/100M Base-TX Ethernet
Built-in Mic	Supported
<b>General</b>	
Power	DC 12V±25%, PoE Power consumption: Max 4.5W
Ingress Protection	IP67
Vandal Resistant	IK10

# 2MP HD VF Turret Network Camera

IPC-T312-APKZ



## Key Features

### Optics

- Day/night functionality
- Smart IR, up to 30m (98ft) IR distance
- 2D/3D DNR (Digital Noise Reduction)
- Built-in Mic

### Compression

- Ultra 265, H.265, H.264
- ROI (Region of Interest)

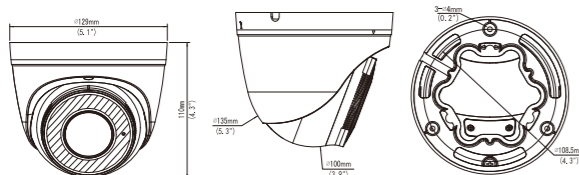
### Network

- ONVIF Conformance

### Structure

- Wide temperature range: -30°C ~ 60°C (-22°F ~ 140°F)
- Wide voltage range of ±25%
- IP67
- 3-Axis

## Dimensions



## Specifications

IPC-T312-APKZ																
<b>Camera</b>																
Sensor	1/2.7", progressive scan, CMOS															
Lens	2.8 ~ 12mm, AF automatic focusing and motorized zoom lens															
DORI Distance	<table border="1"> <thead> <tr> <th>Lens (mm)</th> <th>Detect (m)</th> <th>Observe (m)</th> <th>Recognize (m)</th> <th>Identify (m)</th> </tr> </thead> <tbody> <tr> <td>2.8</td> <td>42</td> <td>16.8</td> <td>8.4</td> <td>4.2</td> </tr> <tr> <td>12</td> <td>180</td> <td>72</td> <td>36</td> <td>18</td> </tr> </tbody> </table>	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)	2.8	42	16.8	8.4	4.2	12	180	72	36	18
	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)											
2.8	42	16.8	8.4	4.2												
12	180	72	36	18												
Angle of View (H)	108.05° ~ 32.59°															
Angle of View (V)	56.81° ~ 18.36°															
Angle of View (O)	111.91° ~ 36.53°															
Adjustment angle	Pan: 0° ~ 360°    Tilt: 0° ~ 75°    Rotate: 0° ~ 360°															
Shutter	Auto/Manual, 1 ~ 1/100000s															
Minimum Illumination	Colour: 0.01Lux (F1.8, AGC ON) 0Lux with IR on															
Digital noise reduction	2D/3D DNR															
Day/Night	IR-cut filter with auto switch (ICR)															
S/N	>52dB															
IR Range	Up to 30m (98ft) IR range															
Defog	Digital Defog															
WDR	120dB															
<b>Storage</b>																
Edge Storage	Micro SD, up to 128GB															
Network Storage	ANR, NAS(NFS)															
<b>Video</b>																
Video Compression	Ultra 265, H.265, H.264, MJPEG															
H.264 code profile	Baseline profile, Main Profile, High profile															
Frame Rate	Main Stream: 1080P (1920*1080), Max 30fps; 720P (1280*720), Max 30fps Sub Stream: 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360, Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps;															
HLC	Supported															
BLC	Supported															
OSD	Up to 4 OSDs															
Privacy Mask	Up to 4 areas															
ROI	Up to 8 areas															
Motion Detection	Up to 4 areas															
<b>Smart</b>																
Behavior Detection	Intrusion (based on human body detection) Motion detection, tampering alarm, audio detection															
<b>Network</b>																
Protocols	IPv4, IGMP, ICMP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, UPnP, HTTP, RTMP															
Compatible Integration	ONVIF (Profile S, Profile T, Profile G), API															
<b>Interface</b>																
Network	10/100M Base-TX Ethernet															
Built-in Mic	Supported															
<b>General</b>																
Power	DC 12V±25%, PoE Power consumption: Max 3.5W															
Ingress Protection	IP67															

# 4MP HD VF Bullet Network Camera

IPC-B314-APKZ



## Key Features

### Optics

- Day/night functionality
- Smart IR, up to 50m (164ft) IR distance
- Optical glass window with higher light transmittance
- IR anti-reflection window to increase the infrared transmittance
- 2D/3D DNR (Digital Noise Reduction)
- Built-in Mic

### Compression

- Ultra 265, H.265, H.264, MJPEG
- ROI (Region of Interest)

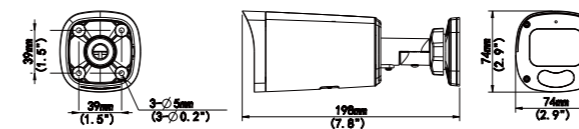
### Network

- ONVIF Conformance

### Structure

- Wide temperature range: -30°C ~ 60°C (-22°F ~ 140°F)
- Wide voltage range of ±25%
- IP67

## Dimensions



## Specifications

IPC-B314-APKZ																
<b>Camera</b>																
Sensor	1/2.7", progressive scan, CMOS															
Lens	2.8 ~ 12mm, AF automatic focusing and motorized zoom lens															
DORI Distance	<table border="1"> <thead> <tr> <th>Lens (mm)</th> <th>Detect (m)</th> <th>Observe (m)</th> <th>Recognize (m)</th> <th>Identify (m)</th> </tr> </thead> <tbody> <tr> <td>2.8</td> <td>63.0</td> <td>25.2</td> <td>12.6</td> <td>6.3</td> </tr> <tr> <td>12</td> <td>270.0</td> <td>108.0</td> <td>54.0</td> <td>27.0</td> </tr> </tbody> </table>	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)	2.8	63.0	25.2	12.6	6.3	12	270.0	108.0	54.0	27.0
	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)											
2.8	63.0	25.2	12.6	6.3												
12	270.0	108.0	54.0	27.0												
Angle of View (H)	102.79° ~ 30.86°															
Angle of View (V)	54.50° ~ 17.49°															
Angle of View (O)	106.94° ~ 35.49°															
Adjustment angle	Pan: 0° ~ 360°    Tilt: 0° ~ 90°    Rotate: 0° ~ 360°															
Shutter	Auto/Manual, 1 ~ 1/100000s															
Minimum Illumination	Colour: 0.005Lux (F1.8, AGC ON) 0Lux with IR on															
Digital noise reduction	2D/3D DNR															
Day/Night	IR-cut filter with auto switch (ICR)															
S/N	>56dB															
IR Range	Up to 50m (164ft) IR range															
Defog	Digital Defog															
WDR	120dB															
<b>Storage</b>																
Edge Storage	Micro SD, up to 256GB															
Network Storage	ANR, NAS(NFS)															
<b>Video</b>																
Video Compression	Ultra 265, H.265, H.264, MJPEG															
H.264 code profile	Baseline profile, Main profile, High profile															
Frame Rate	Main Stream: 4MP (2560*1440), Max 25fps; 3MP (2304*1296), Max 30fps; 1080P (1920*1080), Max 30fps; Sub Stream: 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360, Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps;															
HLC	Supported															
BLC	Supported															
OSD	Up to 4 OSDs															
Privacy Mask	Up to 4 areas															
ROI	Up to 8 areas															
Motion Detection	Up to 4 areas															
<b>Smart</b>																
Behavior Detection	Intrusion (based on human body detection) Motion detection, tampering alarm, audio detection															
<b>Network</b>																
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SSL, QoS, RTMP															
Compatible Integration	ONVIF (Profile S, Profile T, Profile G), API															
<b>Interface</b>																
Network	10/100M Base-TX Ethernet															
Built-in Mic	Supported															
<b>General</b>																
Power	DC 12V±25%, PoE Power consumption: Max 7.5W															
Ingress Protection	IP67															

# 4MP Vandal-resistant VF Dome Network Camera

IPC-D314-APKZ



## Key Features

### Optics

- Day/night functionality
- Smart IR, up to 30m (98ft) IR distance
- 2D/3D DNR (Digital Noise Reduction)
- Built-in Mic

### Compression

- Ultra 265, H.265, H.264, MJPEG
- ROI (Region of Interest)

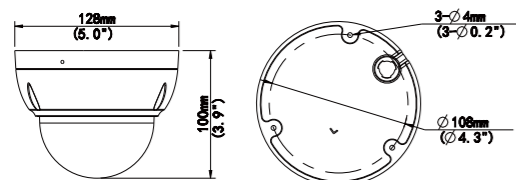
### Network

- ONVIF Conformance

### Structure

- Wide temperature range: -30°C ~ 60°C (-22°F ~ 140°F)
- Wide voltage range of ±25%
- IK10 vandal resistant
- IP67
- 3-Axis

## Dimensions



## Specifications

IPC-D314-APKZ					
<b>Camera</b>					
Sensor	1/2.7", progressive scan, CMOS				
Lens	2.8 ~ 12mm, AF automatic focusing and motorized zoom lens				
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	2.8	63.0	25.2	12.6	6.3
	12	270.0	108.0	54.0	27.0
Angle of View (H)	102.79° ~ 30.86°				
Angle of View (V)	54.50° ~ 17.49°				
Angle of View (O)	106.94° ~ 35.49°				
Adjustment angle	Pan: 3° ~ 360°	Tilt: 0° ~ 70°	Rotate: 3° ~ 360°		
Shutter	Auto/Manual, 1 ~ 1/100000s				
Minimum Illumination	Colour: 0.005Lux (F1.8, AGC ON) 0Lux with IR on				
Digital noise reduction	2D/3D DNR				
Day/Night	IR-cut filter with auto switch (ICR)				
S/N	>56dB				
IR Range	Up to 30m (98ft) IR range				
Defog	Digital Defog				
WDR	120dB				
<b>Storage</b>					
Edge Storage	Micro SD, up to 256GB				
Network Storage	ANR, NAS(NFS)				
<b>Video</b>					
Video Compression	Ultra 265, H.265, H.264, MJPEG				
H.264 code profile	Baseline profile, Main Profile				
Frame Rate	Main Stream: 4MP (2560*1440), Max 25fps; 3MP (2304*1296), Max 30fps; 1080P (1920*1080), Max 30fps; Sub Stream: 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360, Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps;				
HLC	Supported				
BLC	Supported				
OSD	Up to 4 OSDs				
Privacy Mask	Up to 4 areas				
ROI	Up to 8 areas				
Motion Detection	Up to 4 areas				
<b>Smart</b>					
Behavior Detection	Intrusion(based on human body detection) Motion detection, tampering alarm, audio detection				
<b>Network</b>					
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SSL, QoS, RTMP				
Compatible Integration	ONVIF (Profile S, Profile T, Profile G), API				
<b>Interface</b>					
Network	10/100M Base-TX Ethernet				
Built-in Mic	Supported				
<b>General</b>					
Power	DC 12V±25%, PoE Power consumption: Max 4.5W				
Ingress Protection	IP67				
Vandal Resistant	IK10				

# 4MP HD VF Turret Network Camera

IPC-T314-APKZ



## Key Features

### Optics

- Day/night functionality
- Smart IR, up to 30m (98ft) IR distance
- 2D/3D DNR (Digital Noise Reduction)
- Built-in Mic

### Compression

- Ultra 265, H.265, H.264, MJPEG
- ROI (Region of Interest)

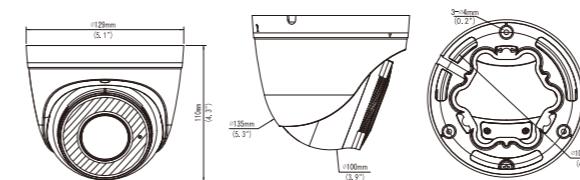
### Network

- ONVIF Conformance

### Structure

- Wide temperature range: -30°C ~ 60°C (-22°F ~ 140°F)
- Wide voltage range of ±25%
- IP67
- 3-Axis

## Dimensions



## Specifications

IPC-T314-APKZ					
<b>Camera</b>					
Sensor	1/3", progressive scan, CMOS				
Lens	2.8 ~ 12mm, AF automatic focusing and motorized zoom lens				
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	2.8	63.0	25.2	12.6	6.3
	12	270.0	108.0	54.0	27.0
Angle of View (H)	102.79° ~ 30.86°				
Angle of View (V)	54.50° ~ 17.49°				
Angle of View (O)	106.94° ~ 35.49°				
Adjustment angle	Pan: 0° ~ 360°	Tilt: 0° ~ 75°	Rotate: 0° ~ 360°		
Shutter	Auto/Manual, 1 ~ 1/100000s				
Minimum Illumination	Colour: 0.005Lux (F1.8, AGC ON) 0Lux with IR on				
Digital noise reduction	2D/3D DNR				
Day/Night	IR-cut filter with auto switch (ICR)				
S/N	>56dB				
IR Range	Up to 30m (98ft) IR range				
Defog	Digital Defog				
WDR	120dB				
<b>Storage</b>					
Edge Storage	Micro SD, up to 256GB				
Network Storage	ANR, NAS(NFS)				
<b>Video</b>					
Video Compression	Ultra 265, H.265, H.264, MJPEG				
H.264 code profile	Baseline profile, Main profile, High profile				
Frame Rate	Main Stream: 4MP (2560*1440), Max 25fps; 3MP (2304*1296), Max 30fps; 1080P (1920*1080), Max 30fps; Sub Stream: 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360, Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps;				
HLC	Supported				
BLC	Supported				
OSD	Up to 4 OSDs				
Privacy Mask	Up to 4 areas				
ROI	Up to 8 areas				
Motion Detection	Up to 4 areas				
<b>Smart</b>					
Behavior Detection	Intrusion(based on human body detection) Motion detection, tampering alarm, audio detection				
<b>Network</b>					
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SSL, QoS, RTMP				
Compatible Integration	ONVIF (Profile S, Profile T), API				
<b>Interface</b>					
Network	10/100M Base-TX Ethernet				
Built-in Mic	Supported				
<b>General</b>					
Power	DC 12V±25%, PoE Power consumption: Max 6.0W				
Ingress Protection	IP67				

# 5MP HD VF Bullet Network Camera

IPC-B315-APKZ



## Key Features

### Optics

- Day/night functionality
- Smart IR, up to 50m (164ft) IR distance
- Optical glass window with higher light transmittance
- IR anti-reflection window to increase the infrared transmittance
- 2D/3D DNR (Digital Noise Reduction)
- Built-in Mic

### Compression

- Ultra 265, H.265, H.264, MJPEG
- ROI (Region of Interest)

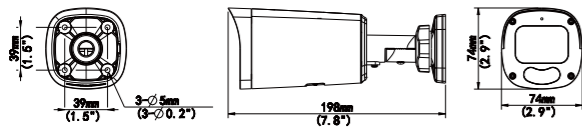
### Network

- ONVIF Conformance

### Structure

- Wide temperature range: -30°C ~ 60°C (-22°F ~ 140°F)
- Wide voltage range of ±25%
- IP67

## Dimensions



## Specifications

IPC-B315-APKZ	
<b>Camera</b>	
Sensor	1/3", progressive scan, CMOS
Lens	2.8 ~ 12mm, AF automatic focusing and motorized zoom lens
DORI Distance	Lens (mm) Detect (m) Observe (m) Recognize (m) Identify (m)
	2.8 63.0 25.2 12.6 6.3
	12 270.0 108.0 54.0 27.0
Angle of View (H)	102.79°~ 30.86°
Angle of View (V)	54.50°~ 17.49°
Angle of View (O)	106.94°~35.49°
Adjustment angle	Pan: 0° ~ 360° Tilt: 0° ~ 90° Rotate: 0° ~ 360°
Shutter	Auto/Manual, 1 ~ 1/100000s
Minimum Illumination	Colour: 0.005Lux (F1.8, AGC ON) 0Lux with IR on
Digital noise reduction	2D/3D DNR
Day/Night	IR-cut filter with auto switch (ICR)
S/N	>56dB
IR Range	Up to 50m (164ft) IR range
Defog	Digital Defog
WDR	120dB
<b>Storage</b>	
Edge Storage	Micro SD, up to 256GB
Network Storage	ANR, NAS(NFS)
<b>Video</b>	
Video Compression	Ultra 265, H.265, H.264, MJPEG
H.264 code profile	Baseline profile, Main profile, High profile
Frame Rate	Main Stream: 5MP (2880*1620), Max 25fps; 4MP (2560*1440), Max 25fps; 3MP (2304*1296), Max 30fps; 1080P (1920*1080), Max 30fps; Sub Stream: 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360, Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps;
HLC	Supported
BLC	Supported
OSD	Up to 4 OSDs
Privacy Mask	Up to 4 areas
ROI	Up to 8 areas
Motion Detection	Up to 4 areas
<b>Smart</b>	
Behavior Detection	Intrusion(based on human body detection) Motion detection, tampering alarm, audio detection
<b>Network</b>	
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SSL, QoS, RTMP
Compatible Integration	ONVIF (Profile S, Profile T, Profile G), API
<b>Interface</b>	
Network	10/100M Base-TX Ethernet
Built-in Mic	Supported
<b>General</b>	
Power	DC 12V±25%, PoE Power consumption: Max 7.5W
Ingress Protection	IP67

# 5MP Vandal-resistant VF Dome Network Camera

IPC-D315-APKZ



## Key Features

### Optics

- Day/night functionality
- Smart IR, up to 30m (98ft) IR distance
- 2D/3D DNR (Digital Noise Reduction)
- Built-in Mic

### Compression

- Ultra 265, H.265, H.264, MJPEG
- ROI (Region of Interest)

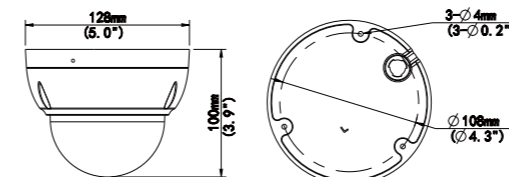
### Network

- ONVIF Conformance

### Structure

- Wide temperature range: -30°C ~ 60°C (-22°F ~ 140°F)
- Wide voltage range of ±25%
- IK10 vandal resistant
- IP67
- 3-Axis

## Dimensions



## Specifications

IPC-D315-APKZ	
<b>Camera</b>	
Sensor	1/2.7", progressive scan, CMOS
Lens	2.8 ~ 12mm, AF automatic focusing and motorized zoom lens
DORI Distance	Lens (mm) Detect (m) Observe (m) Recognize (m) Identify (m)
	2.8 63.0 25.2 12.6 6.3
	12 270.0 108.0 54.0 27.0
Angle of View (H)	102.79°~ 30.86°
Angle of View (V)	54.50°~ 17.49°
Angle of View (O)	106.94°~35.49°
Adjustment angle	Pan: 3° ~ 360° Tilt: 0° ~ 70° Rotate: 3° ~ 360°
Shutter	Auto/Manual, 1 ~ 1/100000s
Minimum Illumination	Colour: 0.005Lux (F1.8, AGC ON) 0Lux with IR on
Digital noise reduction	2D/3D DNR
Day/Night	IR-cut filter with auto switch (ICR)
S/N	>56dB
IR Range	Up to 30m (98ft) IR range
Defog	Digital Defog
WDR	120dB
<b>Storage</b>	
Edge Storage	Micro SD, up to 256GB
Network Storage	ANR, NAS(NFS)
<b>Video</b>	
Video Compression	Ultra 265, H.265, H.264, MJPEG
H.264 code profile	Baseline profile, Main profile, High profile
Frame Rate	Main Stream: 5MP (2880*1620), Max 25fps; 4MP (2560*1440), Max 25fps; 3MP (2304*1296), Max 30fps; 1080P (1920*1080), Max 30fps; Sub Stream: 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360, Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps;
HLC	Supported
BLC	Supported
OSD	Up to 4 OSDs
Privacy Mask	Up to 4 areas
ROI	Up to 8 areas
Motion Detection	Up to 4 areas
<b>Smart</b>	
Behavior Detection	Intrusion(based on human body detection) Motion detection, tampering alarm, audio detection
<b>Network</b>	
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SSL, QoS, RTMP
Compatible Integration	ONVIF (Profile S, Profile T, Profile G), API
<b>Interface</b>	
Network	10/100M Base-TX Ethernet
Built-in Mic	Supported
<b>General</b>	
Power	DC 12V±25%, PoE Power consumption: Max 6.0W
Ingress Protection	IP67
Vandal Resistant	IK10

# 5MP HD VF Turret Network Camera

IPC-T315-APKZ



## Key Features

### Optics

- Day/night functionality
- Smart IR, up to 30m (98ft) IR distance
- 2D/3D DNR (Digital Noise Reduction)
- Built-in Mic

### Compression

- Ultra 265, H.265, H.264, MJPEG
- ROI (Region of Interest)

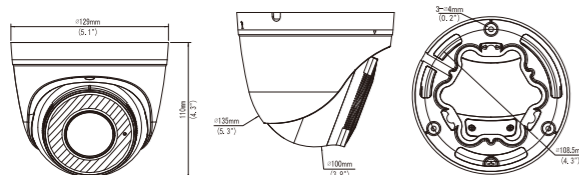
### Network

- ONVIF Conformance

### Structure

- Wide temperature range: -30°C ~ 60°C (-22°F ~ 140°F)
- Wide voltage range of ±25%
- IP67
- 3-Axis

## Dimensions



## Specifications

IPC-T315-APKZ					
<b>Camera</b>					
Sensor	1/2.7", progressive scan, CMOS				
Lens	2.8 ~ 12mm, AF automatic focusing and motorized zoom lens				
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	2.8	63.0	25.2	12.6	6.3
	12	270.0	108.0	54.0	27.0
Angle of View (H)	102.79° ~ 30.86°				
Angle of View (V)	54.50° ~ 17.49°				
Angle of View (O)	106.94° ~ 35.49°				
Adjustment angle	Pan: 0° ~ 360°	Tilt: 0° ~ 75°	Rotate: 0° ~ 360°		
Shutter	Auto/Manual, 1 ~ 1/100000s				
Minimum Illumination	Colour: 0.005Lux (F1.8, AGC ON) 0Lux with IR on				
Digital noise reduction	2D/3D DNR				
Day/Night	IR-cut filter with auto switch (ICR)				
S/N	>56dB				
IR Range	Up to 30m (98ft) IR range				
Defog	Digital Defog				
WDR	120dB				
<b>Storage</b>					
Edge Storage	Micro SD, up to 256GB				
Network Storage	ANR, NAS(NFS)				
<b>Video</b>					
Video Compression	Ultra 265, H.265, H.264, MJPEG				
H.264 code profile	Baseline profile, Main profile, High profile				
Frame Rate	Main Stream: 5MP (2880*1620), Max 25fps; 4MP (2560*1440), Max 25fps; 3MP (2304*1296), Max 30fps; 1080P (1920*1080), Max 30fps; Sub Stream: 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360, Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps;				
HLC	Supported				
BLC	Supported				
OSD	Up to 4 OSDs				
Privacy Mask	Up to 4 areas				
ROI	Up to 8 areas				
Motion Detection	Up to 4 areas				
<b>Smart</b>					
Behavior Detection	Intrusion(based on human body detection) Motion detection, tampering alarm, audio detection				
<b>Network</b>					
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SSL, QoS, RTMP				
Compatible Integration	ONVIF (Profile S, Profile T, Profile G), API				
<b>Interface</b>					
Network	10/100M Base-TX Ethernet				
Built-in Mic	Supported				
<b>General</b>					
Power	DC 12V±25%, PoE Power consumption: Max 6.0W				
Ingress Protection	IP67				

# 3MP HD Fixed Dual-light Bullet Network Camera

IPC-B233-APF40W



## Key Features

### Optics

- Day/night functionality
- Smart IR, up to 50m (164ft) IR distance
- Optical glass window with higher light transmittance
- IR anti-reflection window to increase the infrared transmittance
- 2D/3D DNR (Digital Noise Reduction)
- Built-in Mic

### Compression

- Ultra 265, H.265, H.264
- ROI (Region of Interest)

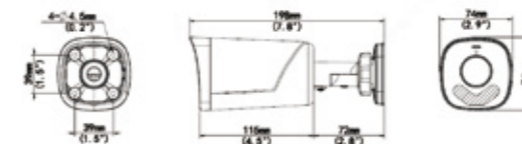
### Network

- ONVIF Conformance

### Structure

- Wide temperature range: -30°C ~ 60°C (-22°F ~ 140°F)
- Wide voltage range of ±25%
- IP67

## Dimensions



## Specifications

IPC-B233-APF40W	
<b>Camera</b>	
Sensor	1/2.7", 3.0 megapixel, progressive scan, CMOS
Minimum Illumination	Colour: 0.02Lux (F2.0, AGC ON) 0Lux with IR on
WDR	DWDR
<b>Lens</b>	
Lens Type	4.0mm@F2.0
Angle of View (H)	91.2°
Angle of View (V)	47.9°
Angle of View (O)	95.9°
<b>Illuminator</b>	
IR Range	Up to 50m (164ft) IR range
White Light Range	Up to 15m (49ft) White light range
<b>Video</b>	
Video Compression	Ultra 265, H.265, H.264
H.264 code profile	Baseline profile, Main profile, High profile
Frame Rate	Main Stream: 3MP (2304*1296), Max 25fps; 1080P (1920*1080), Max 30fps; 720P (1280*720), Max 30fps; Sub Stream: D1 (720*576), Max 30fps; 640*360, Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps;
<b>Image</b>	
White Balance	Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2
Digital Noise Reduction	2D/3D DNR
Smart IR	Supported
HLC	Supported
BLC	Supported
Defog	Digital Defog
<b>Events</b>	
Basic Detection	Cross line, intrusion(based on human body detection), Motion detection, Audio detection
General Function	Watermark, IP address filtering, Access policy, ARP protection, RTSP authentication, User authentication, HTTP authentication
<b>Network</b>	
Protocols	IPv4, IGMP, ICMP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, UPnP, HTTP, HTTPS, QoS, RTMP
Compatible Integration	ONVIF (Profile S, Profile T), API
Client	Uniarch Client Uniarch APP
<b>Interface</b>	
Network	1 * RJ45 10M/100M Base-TX Ethernet
Built-in Mic	N/A

# 3MP HD Dual Light Network PT Camera

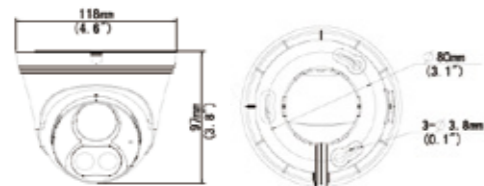
IPC-T213-APF28W



## Key Features

- High quality image with 3MP, 1/2.7" CMOS sensor
- 3MP(2304\*1296)@25fps; 2MP(1920\*1080) @30/25fps; 720P(1280\*720) @30/25fps
- Ultra 265, H.265, H.264
- 2D/3D DNR (Digital Noise Reduction)
- ROI (Region of Interest)
- ONVIF Conformance
- Smart IR, up to 30m (98ft) IR distance
- White Light, up to 15m (49ft) white light distance
- 3-Axis
- Built-in Mic
- Wide temperature range: -30°C ~ 60°C (-22°F ~ 140°F)
- DC12V or PoE(IEEE 802.3af) power supply
- IP67

## Dimensions



## Specifications

IPC-T213-APF28W	
<b>Camera</b>	
Sensor	1/2.7", progressive scan, CMOS
Minimum Illumination	Colour: 0.02Lux (F1.6, AGC ON) 0Lux with IR on
WDR	DWDR
<b>Lens</b>	
Lens Type	2.8mm@F1.6
Angle of View (H)	113.5°
Angle of View (V)	59.5°
Angle of View (O)	121.9°
<b>Illuminator</b>	
IR Range	Up to 30m (98ft) IR range
White Light Range	Up to 15m (49ft) White light range
<b>Video</b>	
Video Compression	Ultra 265, H.265, H.264
H.264 code profile	Baseline profile, Main profile, High profile
Frame Rate	Main Stream: 3MP (2304*1296), Max 25fps; 1080P (1920*1080), Max 30fps; 720P (1280*720), Max 30fps; Sub Stream: D1 (720*576), Max 30fps; 640*360, Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps;
<b>Image</b>	
White Balance	Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2
Digital Noise Reduction	2D/3D DNR
Smart IR	Supported
HLC	Supported
BLC	Supported
Defog	Digital Defog
<b>Events</b>	
Basic Detection	Motion detection, Audio detection
General Function	Watermark, IP address filtering, access policy, ARP protection, RTSP authentication, user authentication, HTTP authentication
<b>Network</b>	
Protocols	IPv4, IGMP, ICMP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, UPnP, HTTP, RTMP
Compatible Integration	ONVIF (Profile S, Profile T), API
Client	Uniarch Client Uniarch APP
<b>Interface</b>	
Network	1 * RJ45 10M/100M Base-TX Ethernet
Built-in Mic	Support

# 3MP HD Dual Light Network PT Camera

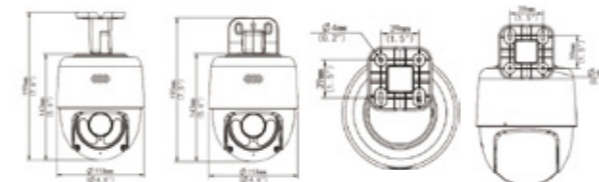
IPC-P213-AF40KC



## Key Features

- 2304\*1296@20fps in the main stream
- Ultra 265, H.265, H.264
- Support cross line detection and intrusion detection
- Support digital WDR (Wide Dynamic Range)
- Built-in Mic & Speaker, support two-way audio, offer better interaction
- Smart IR, Up to 30 m (98 ft) IR and 30m (98 ft) warm light distance, suitable for more scenes
- Self-contained bracket, support two kinds of mounting
- Supports 256 G Micro SD card
- IP66 ingress protection
- DC12V or PoE (IEEE 802.3af) power supply
- The front face is made of grapheme, which has better heat dissipation and more environmental protection

## Dimensions



## Specifications

IPC-P213-AF40KC					
<b>Camera</b>					
Sensor	1/2.8" progressive scan, 3.0 megapixel, CMOS				
Lens type	4mm, Fixed; F1.6				
Field of View (H)	90.5°	Field of View (V)	44.4°	Field of View (D)	111.3°
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	Up to 30m (98ft)	73.5 (241.0ft)	29.4 (96.4ft)	14.7 (48.2ft)	7.3 (24.1ft)
IR Range	Up to 30m (98ft)				
Warm Light Range	Up to 30m (98ft)				
Wavelength	850nm				
IR On/Off Control	Auto/Manual				
<b>Video</b>					
Video Compression	Ultra 265, H.265, H.264				
Frame Rate	Main Stream: 3MP (2304*1296), Max 20fps; Sub Stream: D1 (720*576), Max 20fps;				
ROI	Support				
OSD	Up to 2 OSDs				
Privacy Mask	24 areas, up to 4 areas per scene				
White Balance	Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2				
HLC	Support				
BLC	Support				
Defog	Digital Defog				
<b>Smart</b>					
Smart Intrusion Prevention	Support false alarm filtering: Cross Line detection, Intrusion detection				
Basic Detection	Motion detection, Audio detection				
<b>Storage</b>					
Edge Storage	Micro SD, up to 256 GB				
<b>Pan &amp; Tilt</b>					
Pan Range	0° ~ 345°	Tilt Range	0° ~ 90°		
Pan Speed	1°/s ~ 40°/s		Tilt Speed	0.1°/s ~ 30°/s	
	Preset speed: 40°/s			Preset speed: 30°/s	
Number of Presets	256				
Home Position	Support				
<b>Interface</b>					
Built-in Mic	Support				
Built-in Speaker	Support				
Network	1 * RJ45 10M/100M Base-TX Ethernet				
<b>General</b>					
Power	DC 12V±25%, PoE(IEEE 802.3af)				
	Power consumption: TBD				
Protection	Ingress protection: IP66				

# 3MP 20X Network PTZ Dome Camera

IPC-P413-X20K



## Key Features

- High quality image with 3MP, 1/2.8" CMOS sensor
- 2304\*1296@30fps in the main stream
- 20X optical zoom allows for closer viewing of subjects
- Smart intrusion prevention, support false alarm filtering, include Cross Line, Intrusion, Enter Area, Leave Area detection
- Automatic selection of best snapshots
- People Counting, support people flow counting and crowd density monitoring, suitable for different statistical scenarios
- Up to 120 dB Optical WDR (Wide Dynamic Range)
- Smart IR, up to 100m (328ft) IR distance
- DC 12V±25% or PoE+ (IEEE 802.3at)
- Micro SD, up to 256GB
- IP66 ingress protection

## Accessories



## Specifications

IPC-P413-X20K					
<b>Camera</b>					
Sensor	1/2.8", 3.0 megapixel, progressive scan, CMOS				
Lens type	5~100mm, AF automatic focusing and motorized zoom lens				
Optical Zoom	20				
Angle of View (H)	51.70° ~ 3.85°	Angle of View (V)	30.49° ~ 2.16°	Angle of View (D)	63.60° ~ 4.54°
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	5	77.6 (254.5ft)	31.0 (101.8ft)	15.5 (50.9ft)	7.8 (25.5ft)
	100	1551.7 (5091.0ft)	620.7 (2036.4ft)	310.3 (1018.2ft)	155.2 (509.1ft)
IR Range	Up to 100m (328 ft) IR range				
<b>Video</b>					
Video Compression	H.265, H.264, MJPEG				
Frame Rate	Main Stream: 3MP (2304*1296), Max 30fps; Sub Stream: 720P (1280*720), Max 30fps; Third Stream: D1 (720*576), Max 30fps;				
ROI	Support				
OSD	Up to 8 OSDs				
Privacy Mask	24 areas, up to 4 areas per scene				
White Balance	Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2				
HLC	Support				
BLC	Support				
Defog	Digital Defog				
<b>Smart</b>					
Smart Intrusion Prevention	Support false alarm filtering: Line crossing detection, Intrusion detection, Enter Area detection, Leave Area detection				
People Counting	Support people flow counting and crowd density monitoring				
Basic Detection	Motion detection, Tampering Alarm				
Auto Tracking	Support				
<b>Storage</b>					
Edge Storage	Micro SD, up to 256 GB				
<b>Pan &amp; Tilt</b>					
Pan Range	360° (endless)	Tilt Range	-15° ~ 90° (auto reverse)		
Pan Speed	0.1°/s ~ 80°/s	Tilt Speed	0.1°/s ~ 80°/s		
	Preset speed: 80°/s		Preset speed: 80°/s		
Number of Presets	1024				
Home Position	Support				
<b>Interface</b>					
Network	1 * RJ45 10M/100M Base-TX Ethernet				
<b>General</b>					
Power	DC12V (±25%), PoE+(IEEE 802.3at) Power consumption: MAX 20W				
Protection	Ingress protection: IP66 (IEC 60529:1989+AMD1:1999+AMD2:2013)				

# 2MP Smart PT Camera

Uho-S2



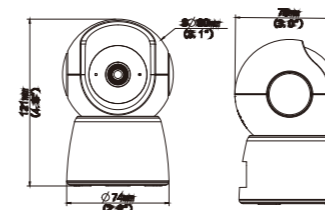
## Overview

Uho-S2 is a 2MP indoor PT camera with real-time two-way audio, HD night vision, motion detection, audio detection and other functions. The pan&tilt design allows the camera to flexibly rotate horizontally and vertically, realizing 355° pan range. Used with UniArch APP and EZCloud, you can check the real-time indoor situation anytime and anywhere.

## Features

- 2MP, IR night vision.
- 355° wide pan range.
- Two-way audio, 24-hour guard.
- Multiple detection ways.
- Easy and convenient to use.

## Dimensions



## Specifications

Uho-S2	
<b>Image</b>	
Image sensor	2MP, 1/3" CMOS sensor
Lens	4mm@F2.0
FOV	H (horizontal) 86°; V (vertical) 46°; D (diagonal) 104°
Min. illumination	0.01Lux
Illumination range	IR 10m
<b>Audio</b>	
Input/output	Two-way audio (built-in Mic and speaker)
Pickup range	5m
Audio compression	G711A
<b>Video</b>	
Video compression	H.264/H.265
Video bit rate	Averages≤1536 Kbps, maximum≤1920 Kbps
<b>Network</b>	
Wi-Fi	2.4G Wi-Fi (IEEE802.11b/g/n), built-in antenna
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API
<b>Interface</b>	
Power	Micro USB interface, DC 5V/1A
SD card	Micro SD card slot
Button	Reset button
<b>Storage</b>	
SD card storage	Supported (up to 256 GB)
NVR storage	Networking with NVR, video can be stored in NVR
<b>Detection function</b>	
Motion detection	Supported
Motion tracking	Supported
Audio detection	Supported
Human body detection	Supported
<b>General</b>	
Mount method	Wall/pendant/desktop mount
Weight	About 173g
Operating environment	Operating temperature:-10°C to 55°C; operating humidity: < 95%, non-condensing
Pan/tilt range	Pan 355°, tilt 105°
LED indicator	1, red/blue

# 2MP Smart PT Camera

Uho-S2E



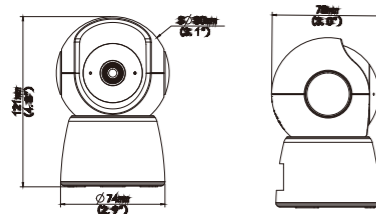
## Overview

Uho-S2E is a 2MP indoor PT camera with real-time two-way audio, HD night vision, motion detection, audio detection and other functions. The pan&tilt design allows the camera to flexibly rotate horizontally and vertically, realizing 355° pan range. Used with Uniarch APP and EZCloud, you can check the real-time indoor situation anytime and anywhere.

## Features

- 2MP, IR night vision.
  - 355° wide pan range.
  - Two-way audio, 24-hour guard.
  - Human body detection, motion detection.
  - Cloud storage.
- Easy and convenient to use.

## Dimensions



## Specifications

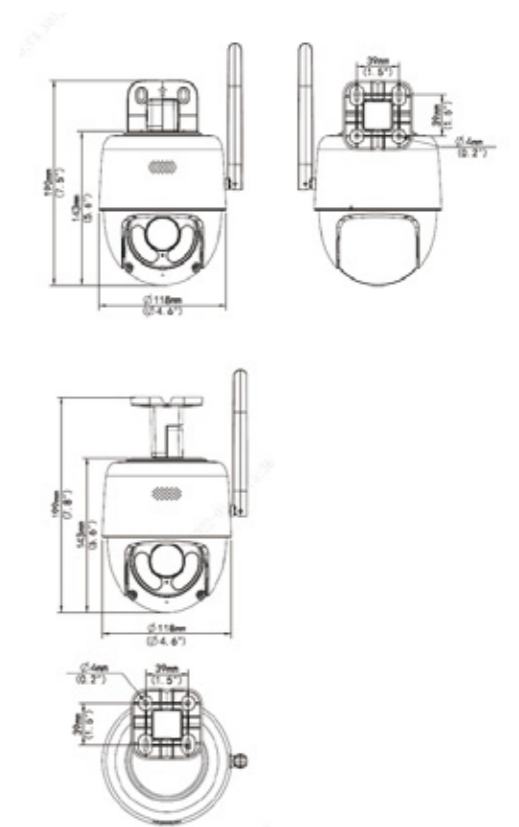
Uho-S2E	
<b>Image</b>	
Image sensor	2MP, 1/3" CMOS sensor
Lens	4mm@F2.0
FOV	H (horizontal) 86°; V (vertical) 46°; D (diagonal) 104°
Min. illumination	0.01Lux
Illumination range	IR 10m
<b>Audio</b>	
Input/output	Two-way audio (built-in Mic and speaker)
Pickup range	5m
Audio compression	G711A
<b>Video</b>	
Video compression	H.264/H.265
Video bit rate	Averages≤1536 Kbps, maximum≤1920 Kbps
<b>Network</b>	
Protocol	TCP/IP
Interface	RJ45*1
Wi-Fi	2.4G Wi-Fi (IEEE802.11b/g/n), built-in antenna
IPv6	Supported
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API
<b>Interface</b>	
Power	Micro USB interface, DC 5V/1A
SD card	Micro SD card slot
Button	Reset button
<b>Storage</b>	
SD card storage	Supported (up to 256 GB)
NVR storage	Networking with NVR, video can be stored in NVR
<b>Detection function</b>	
Motion detection	Supported
Motion tracking	Supported
Audio detection	Supported
Human body detection	Supported
<b>General</b>	
Mount method	Wall/pendant/desktop mount
Weight	About 173g
Operating environment	Operating temperature:-10°C to 55°C; operating humidity: < 95%, non-condensing
Pan/tilt range	Pan 355°, tilt 105°
LED indicator	1, red/blue

# 3MP 2.8-inch WiFi PT Camera (Coming Soon)

Uho-P1A-M3F4D



## Dimensions



## Overview

2.8-inch WiFi PT camera is another WiFi camera of Uniarch WiFi family, featuring 3MP resolution, audio and white light alarm and two-way talk. With human-body detection and auto-tracking, this camera can well ensure your property security. The pan&tilt design provides you with a 360° panoramic view, covering every corner of the place you want to keep your eye on.

Equipped with smart dual light function, it can bring excellent color night vision even in the night. Besides, multiple storage ways, including SD card, NVR and cloud storage (the online storage service is only available in certain markets) bring you diversified storage choices, avoiding your fear of missing important video clips.

## Features

- 3MP, UHD vision
- 360° Panoramic view
- Two-way audio
- Smart dual-light function
- 2.4 GHz stable WiFi connection
- Human-body detection and auto-tracking
- Multiple storage ways: SD card, NVR and Cloud storage
- IP66 ingress protection

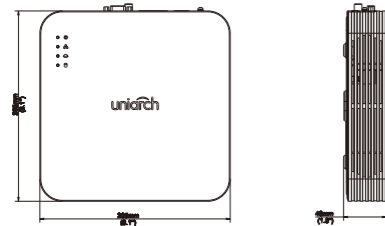
# NVR-104LS-P4



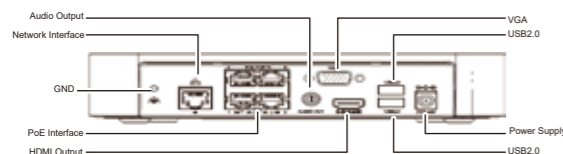
## Key Features

- Support Ultra 265/H.265/H.264 video formats
- 4-channel input
- Plug & Play with 4 independent PoE network interfaces
- Third-party IP cameras supported with ONVIF conformance: Profile S, Profile G, Profile T
- Support 1-ch HDMI, 1-ch VGA
- HDMI and VGA simultaneous output
- Up to 5MP resolution recording
- 1 SATA HDD, up to 10 TB
- Support cloud upgrad

## Dimensions



## Rear Panel



## Specifications

Model	NVR-104LS-P4
<b>Video/Audio Input</b>	
IP Video Input	4-ch
<b>Network</b>	
Incoming Bandwidth	40Mbps
Outgoing Bandwidth	40Mbps
Remote Users	128
Protocols	P2P, NTP, DHCP, PPPoE
<b>Video/Audio Output</b>	
HDMI/VGA Output	HDMI: 1920x1080p/60Hz, 1920x1080p/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz VGA: 1920x1080p/60Hz, 1920x1080p/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz
Audio Output	1 RCA
Recording Resolution	1080p/960p/720p/D1/2CIF/CIF
Synchronous Playback	4-ch
<b>Decoding</b>	
Decoding format	Ultra 265/H.265/H.264
Liveview/Playback	1080p/960p/720p/D1/2CIF/CIF
Capability	1 x5MP@30, 2 x4MP@25, 2 x3MP@30, 4 x 1080p@25
<b>Hard Disk</b>	
SATA	1 SATA interface
Capacity	up to 10TB for each disk
<b>External Interface</b>	
Network Interface	1 RJ45 10M/100M self-adaptive Ethernet Interface
USB Interface	Rear panel: 2 x USB2.0
<b>PoE</b>	
Interface	4 independent 100 Mbps PoE network interfaces
Max Power	Max 30W for single port Max 54W in total (13.5W for each)
Supported Standard	IEEE 802.3at, IEEE 802.3af
<b>General</b>	
Power Supply	48V DC Power Consumption: ≤10 W (without HDD)
Working Environment	-10°C ~ +55°C (+14°F ~ +131°F), Humidity ≤ 90% RH (non-condensing)
Dimensions (W×D×H)	205mm × 205mm × 46mm (8.1" × 8.1" × 1.8")
Weight (without HDD)	0.64kg (1.41lb)

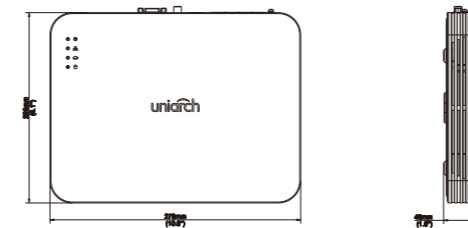
# NVR-108LS-P8



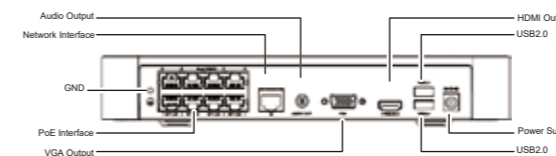
## Key Features

- Support Ultra 265/H.265/H.264 video formats
- 8-channel input
- Third-party IP cameras supported with ONVIF conformance: Profile S, Profile G, Profile T
- Support 1-ch HDMI, 1-ch VGA
- HDMI and VGA simultaneous output
- Up to 5MP resolution recording
- 1 SATA HDD up to 10 TB
- Support cloud upgrade

## Dimensions



## Rear Panel



## Specifications

Model	NVR-108LS-P8
<b>Video/Audio Input</b>	
IP Video Input	8-ch
<b>Network</b>	
Incoming Bandwidth	50Mbps
Outgoing Bandwidth	40Mbps
Remote Users	128
Protocols	P2P, NTP, DHCP, PPPoE
<b>Video/Audio Output</b>	
HDMI/VGA Output	HDMI: 1920x1080p/60Hz, 1920x1080p/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz VGA: 1920x1080p/60Hz, 1920x1080p/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz
Recording Resolution	5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF
Synchronous Playback	8-ch
Corridor Mode Screen	3/4/5/7/9
<b>Decoding</b>	
Decoding format	Ultra 265/H.265/H.264
Liveview/Playback	5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF
Capability	1 x 5MP@30, 2 x 4MP@25, 2 x 3MP@30, 4 x 1080p@25, 8 x 960p@25, 8 x 720p@30
<b>Hard Disk</b>	
SATA	1 SATA interface
Capacity	up to 10TB for each disk
<b>External Interface</b>	
Network Interface	1 RJ45 10M/100M self-adaptive Ethernet Interface
USB Interface	Rear panel: 2 x USB2.0
Supported Standard	IEEE 802.3at, IEEE 802.3af
<b>External Interface</b>	
Interface	8 independent 100 Mbps PoE network interfaces
Max Power	Max 30W for single port Max 108W in total (13.5W for each)
Supported Standard	IEEE 802.3at, IEEE 802.3af
<b>General</b>	
Power Supply	52V DC Power Consumption: ≤9 W (without HDD)
Working Environment	-10°C ~ +55°C (+14°F ~ +131°F), Humidity ≤ 90% RH (non-condensing)
Dimensions (W×D×H)	270mm × 205mm × 45mm (10.6"×8.1"×1.6")
Weight (without HDD)	0.8kg (1.76 lb)

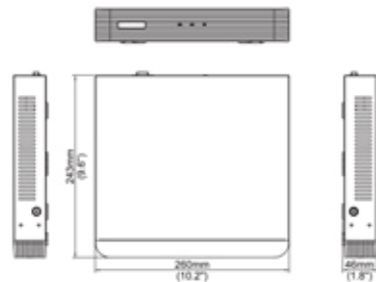
# NVR-E2 Series



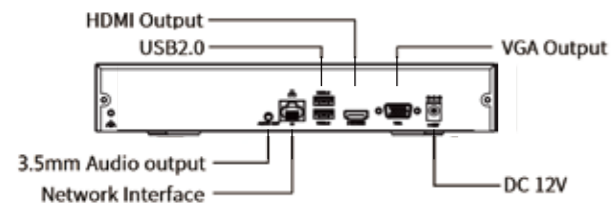
## Key Features

- Support Ultra 265/H.265/H.264 video formats
- 4/10-channel input
- Third-party IP cameras supported with ONVIF conformance: Profile S, Profile G, Profile T
- Support 1-ch HDMI, 1-ch VGA
- HDMI and VGA simultaneous output
- Up to 8MP resolution recording
- 1 SATA HDD, up to 6TB
- Support cloud upgrade

## Dimensions



## Rear Panel



## Specifications

Model	NVR-104E2	NVR-110E2
<b>Video/Audio Input</b>		
IP Video Input	4-ch	10-ch
<b>Network</b>		
Incoming Bandwidth	80Mbps	
Outgoing Bandwidth	50Mbps	
Remote Users	128	
Protocols	P2P, UPnP, DHCP	
<b>Video/Audio Output</b>		
HDMI/VGA Output	HDMI:3840X2160/30Hz, 1920x1080p/60Hz, 1920x1080p/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz VGA:1920x1080p/60Hz, 1920x1080p/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz	
Recording Resolution	8MP/5MP/4MP/3MP/1080P/960P/720P/960H/D1/2CIF/CIF/QCIF	
Audio Output	1-ch, 3.5mm	
Synchronous Playback	4-ch	10-ch
Corridor Mode Screen	3/4	3/4/5/7/9/10
<b>Decoding</b>		
Decoding format	Ultra 265/H.265/H.264	
Liveview/Playback	8MP/5MP/4MP/3MP/1080P/960P/720P/960H/D1/2CIF/CIF/QCIF	
Capability	1 x 8MP@30, 1 x 5MP@30, 2 x 4MP@30, 4 x 3MP@20, 4 x 1080p@30, 8 x 720p@30, 10 x D1@30	
<b>Hard Disk</b>		
SATA	1 SATA interface	
Capacity	up to 6TB for each disk	
<b>External Interface</b>		
Network Interface	1 RJ45 10M/100M self-adaptive Ethernet Interface	
USB Interface	Rear panel: 2 x USB2.0	
<b>General</b>		
Power Supply	12V DC Power Consumption: ≤3W (without HDD)	
Working Environment	-10°C~+55°C (+14°F~+131°F), Humidity ≤ 90% RH (non-condensing)	
Dimensions (W×D×H)	255mm × 215mm × 45mm (10.0" × 8.5" × 1.8")	
Weight (without HDD)	≤1.2kg (2.64lb)	

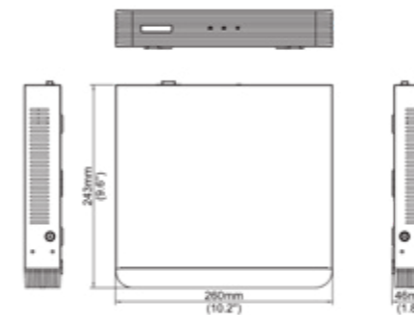
# NVR-116E2



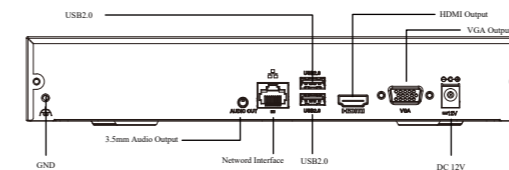
## Key Features

- Support Ultra 265/H.265/H.264 video formats
- 16-channel input
- Up to 8MP resolution recording
- Support 1-ch HDMI, 1-ch VGA
- HDMI and VGA simultaneous output
- 1 SATA HDD up to 6 TB
- Support cloud upgrade

## Dimensions



## Rear Panel



## Specifications

Model	NVR-116E2
<b>Video/Audio Input</b>	
IP Video Input	16-ch
<b>Network</b>	
Incoming Bandwidth	64Mbps
Outgoing Bandwidth	32Mbps
Remote Users	128
Protocols	P2P, UPnP, DHCP
<b>Video/Audio Output</b>	
HDMI/VGA Output	VGA:1024X768@60,1280X720@60,1280X1024@60,1600X1200@60, 1920X1080@50, 1920X1080@60 HDMI:1024X768@60,1280X720@60,1280X1024@60,1600X1200@60, 1920X1080@50, 1920X1080@60,3840X2160@30
Recording Resolution	8MP/6MP/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF
Audio Output	1-ch, 3.5mm
Synchronous Playback	16-ch
Corridor Mode Screen	3/4/5/7/9/10/12/16
<b>Decoding</b>	
Decoding format	H.265/H.264
Liveview/Playback	8MP/6MP/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF
Capability	1 x 8MP@30, 1 x 5MP@30, 2 x 4MP@30, 4*3MP@25, 4 x 1080p@30, 8 x 720p@30, 16 x D1@25
<b>Hard Disk</b>	
SATA	1 SATA interface
Capacity	up to 6TB for each disk
<b>External Interface</b>	
Network Interface	1 RJ45 10M/100M self-adaptive Ethernet Interface
USB Interface	Rear panel: 2 x USB2.0
<b>General</b>	
Power Supply	12V DC Power Consumption: ≤3.2 W (without HDD)
Working Environment	-10°C~+55°C (+14°F~+131°F), Humidity ≤ 90% RH (non-condensing)
Dimensions (W×D×H)	260mm × 243mm × 46mm (10.2" × 9.6" × 1.8")
Weight (without HDD)	≤1kg (2.2lb)

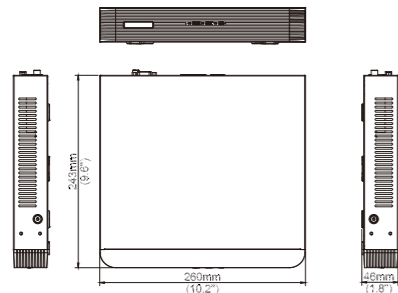
# NVR-E2-P Series



## Key Features

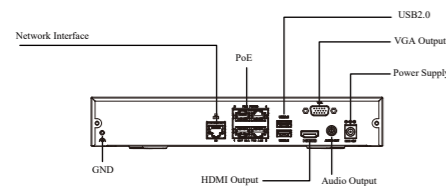
- Support Ultra 265/H.265/H.264 video formats
- 4/8-channel input
- Plug & Play with 4/8 independent PoE network interfaces
- Third-party IP cameras supported with ONVIF conformance: Profile S, Profile G, Profile T
- Support 1-ch HDMI, 1-ch VGA
- HDMI and VGA simultaneous output
- Up to 8MP resolution recording
- 1 SATA HDD up to 6TB
- Support cloud upgrade

## Dimensions



## Rear Panel

Take NVR-104E2-P4 for example



## Specifications

Model	NVR-104E2-P4	NVR-108E2-P8
<b>Video/Audio Input</b>		
IP Video Input	4-ch	8-ch
<b>Network</b>		
Incoming Bandwidth	40Mbps	50Mbps
Outgoing Bandwidth	40Mbps	40Mbps
Remote Users	128	
Protocols	P2P, UPnP, DHCP	
<b>Video/Audio Output</b>		
HDMI/VGA Output	HDMI:3840x2160/30Hz, 1920x1080/60Hz, 1920x1080/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz VGA:1920x1080/60Hz, 1920x1080/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz	
Audio Output	1-ch, RCA	
Recording Resolution	8MP/5MP/4MP/3MP/1080P/960P/720P/960H/D1/2CIF/CIF	
Synchronous Playback	4-ch	8-ch
Corridor Mode Screen	3/4	3/4/5/7/9
<b>Decoding</b>		
Decoding format	Ultra 265/H.265/H.264	
Liveview/Playback	8MP/5MP/4MP/3MP/1080P/960P/720P/960H/D1/2CIF/CIF	
Capability	1 x 8MP@30, 1 x 5MP@30, 2 x 4MP@30, 4 x 3MP@25, 4 x 1080p@30, 8 x 720p@30	
<b>Hard Disk</b>		
SATA	1 SATA interface	
Capacity	up to 6TB for each disk	
<b>External Interface</b>		
Network Interface	1 RJ45 10M/100M self-adaptive Ethernet Interface	
USB Interface	Rear panel: 2 x USB2.0	
<b>PoE</b>		
Interface	4 RJ45 10M/100M self-adaptive Ethernet Interface	8 RJ45 10M/100M self-adaptive Ethernet Interface
Max Power	Max 30W for single port Max 54W in total	Max 30W for single port Max 75W in total
Supported Standard	IEEE 802.3at, IEEE 802.3af	
<b>General</b>		
Power Supply	48V DC Power Consumption: ≤9 W (without HDD)	52V DC Power Consumption: ≤9 W (without HDD)
Working Environment	-10°C~+55°C (+14°F~+131°F), Humidity ≤ 90% RH (non-condensing)	
Dimensions (W×D×H)	260mm × 243mm × 46mm (10.2" × 9.6" × 1.8")	
Weight (without HDD)	≤1.2kg (2.65lb)	

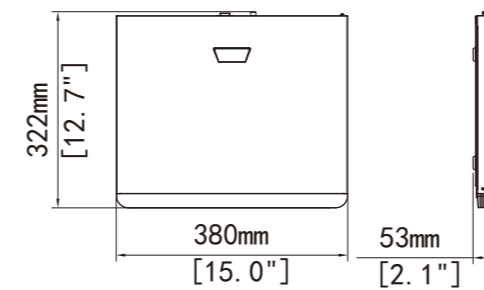
# NVR-S2 Series



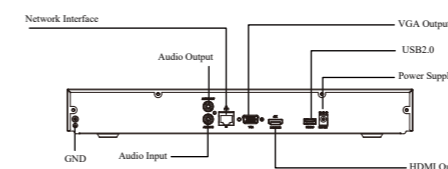
## Key Features

- Support Ultra 265/H.265/H.264 video formats
- 8/16-channel input
- Support mainstream cameras of ONVIF conformance (Profile S, Profile G, Profile T) and RTSP protocols
- Support HDMI and VGA simultaneous output
- Up to 8 Megapixels resolution recording
- 2 SATA HDDs, up to 6TB for each HDD
- Support cloud upgrade

## Dimensions



## Rear Panel



## Specifications

Model	NVR-208S2	NVR-216S2
<b>Video/Audio Input</b>		
IP Video Input	8-ch	16-ch
Two-way Audio Input	1-ch, RCA	
<b>Network</b>		
Incoming Bandwidth	160Mbps	
Outgoing Bandwidth	96Mbps	
Remote Users	128	
Protocols	TCP/IP, P2P, UPnP, DHCP, HTTP, HTTPS, DNS, DDNS, SMTP	
<b>Video/Audio Output</b>		
HDMI/VGA Output	VGA:1024x768@60, 1280x720@60, 1280x1024@60, 1600x1200@60, 1920x1080@50, 1920x1080@60 HDMI:1024x768@60, 1280x720@60, 1280x1024@60, 1600x1200@60, 1920x1080@50, 1920x1080@60, 4K(3840x2160@30)	
Recording Resolution	8MP/6MP/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF	
Audio Output	1-ch, RCA	
Audio Compression	G.711A, G.711U	
Synchronous Playback	8-ch	16-ch
Live View Display	1/4/6/8/9	1/4/6/8/9/16
Corridor Mode Screen	3/4/5/7/9	3/4/5/7/9/10/12/16
<b>Decoding</b>		
Decoding format	Ultra 265/H.265/H.264	
Live view/Playback	8MP/6MP/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF	
Capability	1 x 4K@30, 2 x 4MP@30, 3 x 3MP@25, 4 x 1080P@30, 8 x 720P@30	1 x 4K@30, 2 x 4MP@30, 3 x 3MP@25, 4 x 1080P@30, 8 x 720P@30, 16 x D1
<b>Hard Disk</b>		
SATA	2 SATA interfaces	
Capacity	up to 6TB for each disk	
<b>Smart</b>		
VCA Detection by Camera	Intrusion Detection, Cross Line Detection, Enter Area, Leave Area	
VCA Search	Behavior Search	
Smart Intrusion Prevention (SIP) by Camera	4-ch	
<b>General Alarm</b>		
General Alarm	Motion, Human Body Detection, Video Loss, Alarm Input	
Alert Alarm	IP Conflict, Network Disconnected, Disk Offline, Disk Abnormal, Illegal Access	
<b>External Interface</b>		
Network Interface	1 RJ-45 10M/100M/1000M self-adaptive Ethernet Interface	
USB Interface	Front panel: 1 x USB2.0, Rear panel: 1 x USB2.0	
RS232	NA	
RS485	NA	
Alarm In	NA	
Alarm Out	NA	
<b>General</b>		
Power Supply	12V DC Power Consumption: ≤7 W (without HDD)	
Working Environment	-10°C~+ 55°C (+14°F~+131°F), Humidity ≤ 90% RH (non-condensing)	
Dimensions (W×D×H)	380mm × 322mm × 53mm (15.0" × 12.7" × 2.1")	
Weight (without HDD)	≤1.6kg (3.53lb)	
<b>Certification</b>		
Certification	CE; FCC; RoHS; WEEE	

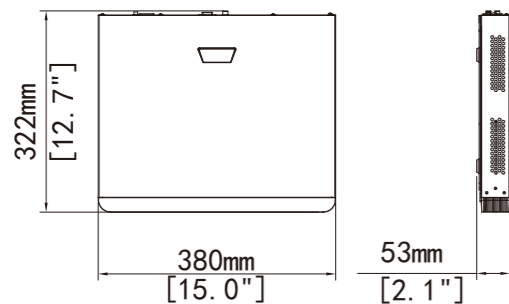
# NVR-S2-P Series



## Key Features

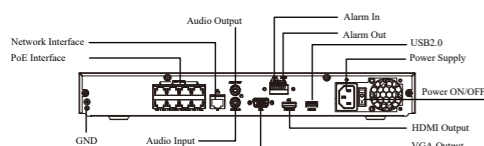
- Support Ultra 265/H.265/H.264 video formats
- 816-channel input
- Plug & Play with 8/16 independent PoE network interfaces
- Support mainstream cameras of ONVIF conformance (Profile S, Profile G, Profile T) and RTSP protocols
- Support HDMI and VGA simultaneous output
- Up to 8 Megapixels resolution recording
- 2 SATA HDDs, up to 10TB for each HDD
- Support cloud upgrade

## Dimensions



## Rear Panel

Take NVR-208S2-P8 for example



## Specifications

Model	NVR-208S2-P8	NVR-216S2-P16
<b>Video/Audio Input</b>		
IP Video Input	8-ch	16-ch
Two-way Audio Input	1-ch, RCA	
<b>Network</b>		
Incoming Bandwidth	160Mbps	
Outgoing Bandwidth	96Mbps	
Remote Users	128	
Protocols	TCP/IP, P2P, UPnP, DHCP, HTTP, HTTPS, DNS, DDNS, SMTP	
<b>Video/Audio Output</b>		
HDMI/VGA Output	VGA:1024X768@60, 1280X720@60, 1280X1024@60, 1600X1200@60, 1920X1080@50, 1920X1080@60 HDMI:4K(3840x2160@30), 1024X768@60, 1280X720@60, 1280X1024@60, 1600X1200@60, 1920X1080@50, 1920X1080@60	
Recording Resolution	8MP/6MP/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF	
Audio Output	1-ch, RCA	
Audio Compression	G.711A, G.711U	
Synchronous Playback	8-ch	16-ch
Live View Display	1/4/6/8/9	1/4/6/8/9/16
Corridor Mode Screen	3/4/5/7/9	3/4/5/7/9/10/12/16
<b>Decoding</b>		
Decoding format	Ultra 265/H.265/H.264	
Live view/Playback	8MP/6MP/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF	
Capability	1 x 4K@30, 2 x 4MP@30, 3 x 3MP@25, 4 x 1080P@30, 8 x 720P@30	1 x 4K@30, 2 x 4MP@30, 3 x 3MP@25, 4 x 1080P@30, 8 x 720P@30, 16 x D1
<b>Hard Disk</b>		
SATA	2 SATA interfaces	
Capacity	up to 10TB for each disk	
<b>Smart</b>		
VCA Detection by Camera	Intrusion Detection, Cross Line Detection, Enter Area, Leave Area	
VCA Search	Behavior Search	
Smart Intrusion Prevention (SIP) by Camera	4-ch	
<b>General Alarm</b>		
General Alarm	Motion, Human Body Detection, Video Loss, Alarm Input	
Alert Alarm	IP Conflict, Network Disconnected, Disk Offline, Disk Abnormal, Illegal Access	
<b>External Interface</b>		
Network Interface	1 RJ-45 10M/100M/1000M self-adaptive Ethernet Interface	
USB Interface	Front panel: 1 x USB2.0, Rear panel: 1 x USB2.0	
RS232	NA	
RS485	NA	
Alarm In	4-ch	
Alarm Out	1-ch	
<b>General</b>		
Power Supply	220V AC Power Consumption: ≤9 W (without HDD)	
Working Environment	-10°C~+55°C (+14°F~+131°F), Humidity ≤ 90% RH (non-condensing)	
Dimensions (WxDxH)	380mm x 322mm x 53mm (15.0" x 12.7" x 2.1")	
Weight (without HDD)	≤2.4kg (5.29lb)	
<b>Certification</b>		
Certification	CE; FCC; RoHS; WEEE	

# XVR-G3 Series

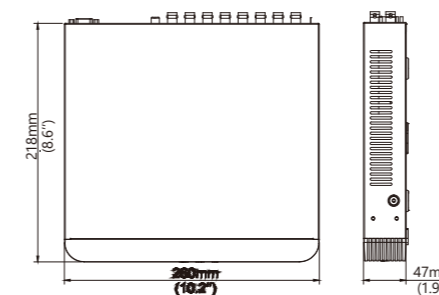
## XVR-G3



## Key Features

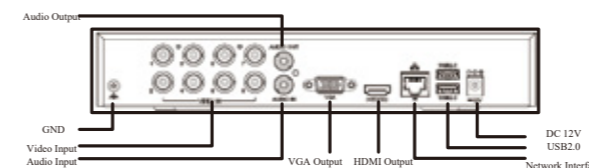
- Support H.265/H.264 video formats
- Support audio over coaxial cable
- Support TVI, AHD, CVI, CVBS, IP cameras with adaptive access
- 4/8-channel BNC input
- Support 1-ch HDMI output, 1-ch VGA output at up to 1920\*1080
- Long transmission distance over coax cable
- Supports mainstream cameras of ONVIF and RTSP protocols

## Dimensions



## Rear Panel

Take XVR-108G3 for example



## Specifications

Model	XVR-104G3	XVR-108G3		
<b>Video/Audio Input</b>				
Analog Video Input	4-ch, BNC	8-ch, BNC		
IP Video Input	2-ch (only IP up to 6ch), each channel up to 4MP	4-ch (only IP up to 8ch), each channel up to 4MP		
Supported Analog Camera Types	5MP@20fps 4MP@30fps 1080P@30fps	5MP@12fps 4MP@15fps 1080P@30fps		
Audio Input	1-ch, RCA			
<b>Network</b>				
Incoming Bandwidth	16Mbps (Up to 24Mbps)	32Mbps (Up to 40Mbps)		
Outgoing Bandwidth	48Mbps	64Mbps		
Remote Users	128			
Protocols	TCP/IP, P2P, UPnP, DHCP, HTTP, HTTPS, DNS, DDNS, SMTP			
<b>Video/Audio Output</b>				
VGA Output	1920x1080/60Hz, 1920x1080/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz			
HDMI Output	1920x1080/60Hz, 1920x1080/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz			
Audio Output	1-ch, RCA			
Synchronous Playback	HD:1-ch SD:4-ch	HD:4-ch SD:8-ch		
Two-way Audio	1-ch, RCA	1-ch, RCA		
<b>Encoding</b>				
Recording Frame Rate	Main stream: 5MP Lite@12fps 4MP Lite@15fps 1080P@15fps	Sub stream: D1@12fps D1@15fps D1@15fps	Main stream: 5MP Lite@6fps 4MP Lite@15fps 1080P Lite@12fps	Sub stream: D1@6fps D1@8fps D1@12fps
<b>Hard Disk</b>				
SATA	1 SATA interface			
Capacity	Up to 8TB for each HDD			
<b>General Alarm</b>				
General Alarm	By analog camera: Motion detection By IP Camera: Motion detection			
Alert Alarm	IP Conflict, Network Disconnected, Disk offline, Disk Abnormal, Illegal Access			
<b>External Interface</b>				
SATA	1 SATA interface			
USB Interface	Rear panel: 2 x USB2.0			
<b>General</b>				
Power Supply	12V DC Power Consumption: ≤8 W (without HDD)			
Dimensions (WxDxH)	Rear panel: 2 x USB2.0			
Weight (without HDD)	≤1.1 Kg ( 2.42lb )			

# XVR-F Series

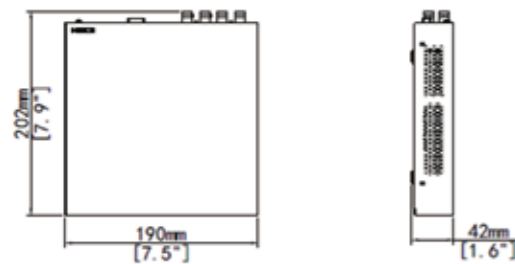
## XVR-G3



### Key Features

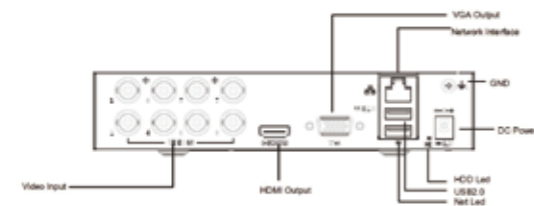
- Support H.265/H.264 video formats
- Support audio over coaxial cable(only for TVI cameras)
- Support analog camera upgrade over coaxial cable
- Support TVI, AHD, CVI, CVBS, IP cameras with adaptive access
- 4/8-channel BNC input
- Support 1-ch HDMI output, 1-ch VGA output at up to 1920\*1080
- HDMI and VGA simultaneous output
- Long transmission distance over coaxial cable
- Supports mainstream cameras of ONVIF and RTSP protocols

### Dimensions



### Rear Panel

Take XVR-108F for example



### Specifications

Model	XVR-104F	XVR-108F
<b>Video/Audio Input</b>		
Analog Video Input	4-ch, BNC	8-ch, BNC
IP Video Input	2-ch(only IP up to 6ch), each channel up to 6MP	4-ch( only IP up to 10ch), each channel up to 6MP
Supported Analog Camera Types	Support AHD input: 1080P@30fps, 720P@30fps Support TVI input: 1080P@30fps, 720P@30fps Support CVI input: 1080P@30fps, 720P@30fps Support CVBS input	Support AHD input: 1080P@30fps, 720P@30fps Support TVI input: 1080P@30fps, 720P@30fps Support CVI input: 1080P@30fps, 720P@30fps Support CVBS input
Audio Compression	G.711U	
<b>Network</b>		
Incoming Bandwidth	24Mbps (Up to 32Mbps after all analog channel conversion)	24Mbps (Up to 40Mbps after all analog channel conversion)
Outgoing Bandwidth	48Mbps	64Mbps
Remote Users	128	
Protocols	TCP/IP, P2P, UPnP, NTP, DHCP, HTTP, HTTPS, DNS, DDNS, SMTP	
<b>Video/Audio Output</b>		
VGA Output	1920x1080/60Hz, 1920x1080/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz	
HDMI Output	1920x1080/60Hz, 1920x1080/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 11280x720/60Hz, 1024x768/60Hz	
Synchronous Playback	HD: 4-ch SD: 4-ch	HD: 8-ch SD: 8-ch
Live view display	HDMI/VGA: 1/4/6/8/9	HDMI/VGA: 1/4/6/8/9/16
<b>Encoding</b>		
Recording Frame Rate	Main stream: 1080P Lite@25fps 720P@30fps Sub stream: D1@25fps D1@30fps	Main stream: 1080P Lite@15fps 720P@15fps Sub stream: D1@12fps D1@15fps
<b>Hard Disk</b>		
SATA	1 SATA interface	
Capacity	Up to 6TB for each HDD	
<b>General</b>		
Power Supply	12V DC Power Consumption: ≤ 10 W (without HDD)	
Working Environment	-10°C ~ +55°C ( +14°F ~ +131°F ), Humidity ≤ 90% RH(non-condensing)	
Dimensions(W×D×H)	190mm × 202mm × 42mm (7.5" × 7.9" × 1.6")	
Weight(without HDD)	≤0.6 Kg ( 1.32lb )	
<b>Certification</b>		
Certification	CE/FCC/WEEE	

# Display & Transmission



# 24" LED FHD Monitor

MT-24-L



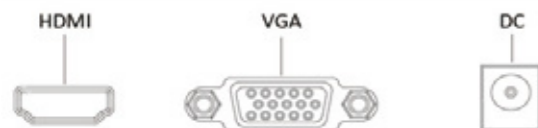
## Key Features

- True color display and perfect color reproduction
- Wide viewing angle:178°(H)/ 178°(V)
- No color shift from any view angle
- Specific menu design, which is simple to operate
- Support 7\*24 working and lower power consumption
- Adaptively recognize signal
- VESA stand bracket
- Support multiply language
- High fidelity digital processing for a brilliant and vivid video
- Professional thermal design to extend equipment lifespan
- Screen can reduce blue light, protect eyes
- Without ripple, use smooth dimming with DC to eliminate screen flicker
- Three sides super slim design, min width can be 2.8mm
- High light transmittance, uniform brightness, rich color, wide color gamut

## Dimensions



## Interfaces



## Specifications

Model	MT-24-T
<b>Display</b>	
Display Type	LED Backlight
Screen Size	23.8"
Aspect Ratio	16:9
Pixel Pitch (mm)	0.275× 0.275
Max Resolution	1920×1080
Brightness (cd/m2)	250
Contrast	1000:1
Response Time (ms)	14
Color	16.7M
Viewing Angle	Horizontal 178°, Vertical 178°
Refresh Rate	60Hz
<b>Interface</b>	
Input	VGA × 1, HDMI × 1
<b>OSD</b>	
Multi-Language	8 (English, France, Spanish, German, Russia, Korea, Japanese, Simplified Chinese)
<b>Mounting</b>	
VESA	75mm × 75mm
<b>General</b>	
Power Supply	DC 12V, 2A
Consumption	<23W (on) <0.5W (Standby)
Operation Temperature	0°C ~ 40 °C/32°F~104°F
Operating Humidity	20%~85% (No Condensation)
Storage Temperature	-10°C ~50°C/14°F~122°F
Storage Humidity	10%~90% (No Condensation)
Dimension (W×H×D)	541.43mm × 407.27 mm × 210.00mm (With Pedestal)
Package (W×H×D)	602mm × 394mm × 111mm
Weight	Net Weight: 3.3Kg Gross Weight: 4.2Kg
<b>Accessory</b>	
Standard	HDMI Cable, Adapter, Pedestal, Quick Guide
Optional	Hanging Bracket (Model: HB-4022-A)

# 22" LED FHD Monitor

MT-22-L



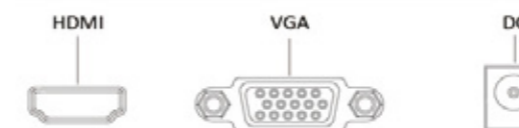
## Key Features

- True color display
- Resolution is up to at 1920×1080
- Wide view of field:178°(H)/ 178°(V)
- Specific menu design, which is simple to operate
- Support 7\*24 working and lower power consumption
- Adaptively recognize signal
- VESA stand bracket
- Support multiply language

## Dimensions



## Interfaces



## Specifications

Model	MT-22-L
<b>Display</b>	
Display Type:	LED Backlight
Screen Size	21.5 Inch
Pixel Pitch(mm)	0.265(H)× 0.24825(V)
Max Resolution	1920×1080
Brightness (cd/m2 )	250
Contrast	4000:1
Response Time (ms)	6.5
Color	16.7M
Viewing Angle	Horizontal 178°, Vertical 178°
Refresh Rate	60Hz
<b>Interface</b>	
VGA	1
HDMI	1
<b>OSD</b>	
Multi-Language	8 (English, France, Spanish, German, Russia, Korea, Japanese, Simplified Chinese)
<b>Mounting</b>	
VESA	100mm x 100mm
<b>General</b>	
Power Supply	DC 12V, 2A
Consumption	<23W (on) <0.5W (Standby)
Operation Temperature	0°C ~ 40 °C/32°F ~104°F
Operating Humidity	20%~85% (No Condensation)
Storage Temperature	-10°C ~ 50°C/14°F ~122°F
Storage Humidity	0%~90% (No Condensation)
Dimension (W×H×D)	508.02mm × 393.87mm × 210.00mm (With Pedestal)
Package(W×H×D)	570mm × 395mm × 118mm
Weight	Net Weight: 2.51Kg Gross Weight: 3.3Kg
<b>Accessory</b>	
Standard	HDMI Cable, Adapter, Pedestal, Quick Guide
Optional	Hanging Bracket (Model: HB-4022-A)

# 6-Port PoE Switch

SW-2106-P



## Introduction

SW-2106-P provides the seamless network connection. The PoE ports (Port1~4) can automatically detect and supply power with those IEEE 802.3 af/at compliant Powered Devices (PD). The electrical power is transmitted along with data in one single cable allowing you to expand your network where there are no power lines or outlets, where you wish to fix devices such as AP, IP Cameras or IP Phones, etc.

It is easy to install and it doesn't need configuration. With outstanding performance and quality, the 6-port 10/100Mbps desktop PoE switch is an ideal choice for expanding your home or office network.

## Key Features

- Multiple working modes to address your business needs: Normal, Secure and Surveillance
- Support port traffic control
- Support for secure mode, all downlink ports can communicate only with uplink ports
- Up to 250m transmission distance on surveillance mode
- Support buffer optimization
- All metal housing, safe and reliable

## Specifications

Model	SW-2106-P
Ports	6x100Mbps network ports (RJ45), including 4 PoE ports
Standards	IEEE802.3, IEEE802.3u, IEEE802.3az, IEEE802.3x, IEEE802.3af, IEEE802.3at
Switching capacity	1.2Gbps
Forwarding performance	0.90Mpps
Packet Buffer	768Kbit
MAC	2K
Dimensions (WxDxH)	160mm x 93mm x 32mm (6.3"x3.7"x1.3")
Weight	<0.6kg
Power supply	AC: 100-240V, 50/60Hz
PoE	802.3at/af
Max. PoE Power	Max capacity: 65W
	Max capacity for single port: 30W
Cooling Fans	0
Mean Time Between Failure (MTBF)	>50000 hours
Operating temperature	0°C-40°C (32°F-104°F)
Operating humidity	10%-90% (noncondensing)
Storage humidity	5%-90% (noncondensing)
Indicator	PWR: Steady on: AC input is normal Off: No AC input
	PoE: Off: No PoE power supply Steady on: PoE power supply is normal Flashing: PoE power supply is abnormal
	LINK/ACT: Off: No link Steady: Linked at 10/100Mbps Flashing: Transmitting data
	Speed: Off: Linked at 10/100Mbps On: Linked at 1000Mbps
Working Mode	Default (Normal mode): All ports can communicate with each other EXTEND (Surveillance mode): Transmission distance up to 250 meters

# 10-Port PoE Switch

SW- 2110-P



## Introduction

SW-2110-P is Fast uplink Switch which provides you with a high-performance, low-cost, easy-to-use, seamless and standard upgrade to boost your old network to 100Mbps. Increase the speed of your network server and backbone connections, making Gigabit connection to a server or uplink a network necessarily.

Its PoE ports can automatically detect and supply power with those IEEE 802.3af/at compliant Powered Devices (PD).

The electrical power is transmitted along with data in one single cable allowing you to expand your network where there are no power lines or outlets, where you wish to fix devices such as AP, IP Cameras or IP Phones, etc.

## Key Features

- Multiple working modes to address your business needs: Normal, Secure and Surveillance
- Support port traffic control
- Support for secure mode, all downlink ports can communicate only with uplink ports
- Up to 250m transmission distance on surveillance mode
- Support buffer optimization
- All metal housing, safe and reliable

## Specifications

Model	SW-2110-P
Ports	10x100Mbps network ports (RJ45), including 8 PoE ports
Standards	IEEE802.3, IEEE802.3u, IEEE802.3az, IEEE802.3x, IEEE802.3af, IEEE802.3at
Switching capacity	2Gbps
Forwarding performance	1.49Mpps
Packet Buffer	2Mbit
MAC	8K
Dimensions (WxDxH)	220mm x 150mm x 44mm (8.7"x5.9"x1.7")
Weight	<1.22kg
Power supply	AC: 100-240V, 50/60Hz
PoE	802.3at/af
Max. PoE Power	Max capacity: 120W
	Max capacity for single port: 30W
Cooling Fans	0
Mean Time Between Failure (MTBF)	>50000 hours
Operating temperature	0°C-40°C (32°F-104°F)
Operating humidity	10%-90% (noncondensing)
Storage humidity	5%-90% (noncondensing)
Indicator	PWR: Steady on: AC input is normal Off: No AC input
	PoE: Off: No PoE power supply Steady on: PoE power supply is normal Flashing: PoE power supply is abnormal
	LINK/ACT: Off: No link Steady: Linked at 10/100Mbps Flashing: Transmitting data
	Speed: Off: Linked at 10/100Mbps On: Linked at 1000Mbps
Working Mode	Default (Normal mode): All ports can communicate with each other VLAN (Secure mode): Downlink ports can communicate only with uplink ports EXTEND (Surveillance mode): Transmission distance up to 250 meters

# Network Cable

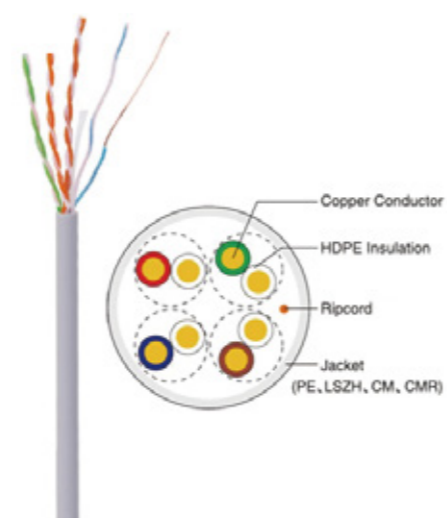
## UTP Category 5E Cables

# Network Cable

## UTP Category 6 Cables

### Specifications

Content of Data Sheet			
Product model	CAB-5E-A/CAB-5E-B		
Product specification	HSYV-5e 4×2×0.50		
Test Standard	YD/T1019-2013		
Conductor	Material	Solid-Bare Copper	
	AWG	24	
	Nom.O.D.(mm)	0.5±0.01 mm	
	DC resistance	≤95 Ω/km	
Insulation	Material	HDPE	
	Thickness	0.2±0.02 mm	
	Diameter	0.9±0.05 mm	
	Color	Blue/White- Blue Orange/White-Orange	Green/White-Green Brown/White-Brown
Pitch	Offset pitch	≤25 mm	
	Cable pitch	≤140 mm	
Sheath	Material	PVC(complies RoHS/REACH)	
	External O.D.	5.1±0.3 mm	
	Color	Gray(RAL7046)	
	Tensile strength	>13.5 Mpa	
	Thickness	0.55±0.05 mm	
Surface Printing	Letter height	3.0±0.3 mm	
	Color	Black	
	Print error & Space	1±0.005 m	
	Case number	Yes	
Packing	Packing	Carton	
	Once packing dimension	350mm*216mm*350mm	
	Twice packing dimension	370mm*460mm*370mm	
	Twice packing quantity	2 cases	
Packing length	305±1 m		
Rip-cord	Yes		
Ambient temperature	-20°C~60°C		

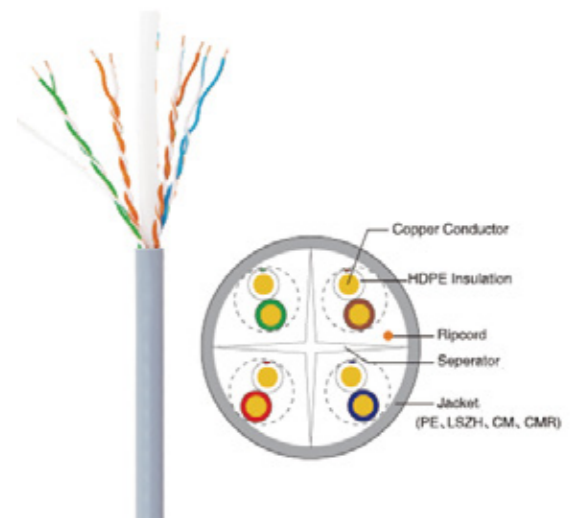


Electrical Characteristics:					
Frequency	Characteristic impedance	RL	ATT	NEXT	
MHz	ohm	≥dB/100m	≤dB/100m	≥dB/100m	
1	100±15	20.0	2.0	65.3	
4	100±15	23.0	4.1	56.3	
10	100±15	25.0	6.5	50.3	
16	100±15	25.0	8.2	47.3	
20	100±15	25.0	9.3	45.8	
31.25	100±15	23.6	11.6	42.9	
62.5	100±15	21.5	17.0	38.4	
100	100±15	20.1	22.0	35.3	

Frequency	FEXT	PS NEXT	PS FEXT	Phase delay
MHz	≥dB/100m	≥dB/100m	≥dB/100m	≤ns/100m
1	63.8	62.3	60.8	570.0
4	51.7	53.3	48.7	552.0
10	43.8	47.3	40.8	545.4
16	39.7	44.2	36.7	543.0
20	37.7	42.8	34.7	542.0
31.25	33.9	39.9	30.9	540.4
62.5	27.8	35.4	24.8	538.6
100	23.8	32.3	20.8	537.4

### Specifications

Content of Data Sheet			
Product model	CAB-6-AE/CAB-6-BE		
Product specification	HSYV-6 4×2×0.52		
Test Standard	ISO/IEC11801、TIA-568-C.2、YD/T1019		
Conductor	Material	Solid-Bare Copper	
	AWG	24	
	Nom.O.D.(mm)	0.52±0.03 mm	
	DC resistance	≤95 Ω/km	
Insulation	Material	HDPE	
	Thickness	0.2±0.02 mm	
	Diameter	0.93±0.05 mm	
	Color	Blue/White- Blue Orange/White-Orange	Green/White-Green Brown/White-Brown
Pitch	Offset pitch	≤20 mm	
	Cable pitch	≤120 mm	
Sheath	Material	PVC(complies RoHS/REACH)	
	External O.D.	5.8±0.3 mm	
	Color	Orange	
	Tensile strength	>13.5 Mpa	
	Thickness	0.6±0.05 mm	
Surface Printing	Letter height	3.0±0.3 mm	
	Color	Black	
	Print error & Space	1±0.005 m	
	Case number	Yes	
Packing	Packing	Carton	
	Once packing dimension	420mm*205mm*420mm	
	Twice packing dimension	450mm*440mm*445mm	
	Twice packing quantity	2 cases	
Packing length	305±1 m		
Rip-cord	Yes	Crossing backbone	Yes
Ambient temperature	-20°C~60°C		



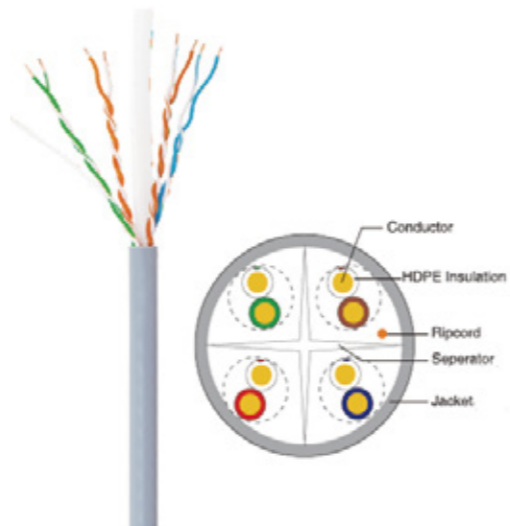
# Network Cable

## UTP Category 6 Cables CCA

### Specifications

Content of Data Sheet

Product model	CAB-6-CCA		
Product specification	HSYV-6 4×2×0.585		
Conductor	Material	CCA(Copper content:27%)	
	AWG	23	
	Nom.O.D.(mm)	0.585±0.05 mm	
	DC resistance	<12Ω/100m	
	Material	HDPE	
Insulation	Thickness	0.2±0.02 mm	
	Diameter	1.05±0.05 mm	
	Color	Blue/White- Blue	Green/White-Green
		Orange/White-Orange	Brown/White-Brown
Pitch	Offset pitch	≤20 mm	
	Cable pitch	≤120 mm	
Sheath	Material	PVC	
	External O.D.	6.2±0.3 mm	
	Color	White	
	Tensile strength	>13.5 Mpa	
	Thickness	0.5±0.05 mm	
	Letter height	3.0±0.3 mm	
Surface Printing	Color	Black	
	Print error & Space	1±0.005 m	
	Case number	Yes	
	Packing	Carton	
Packing	Once packing dimension	310mm*310mm*190mm	
	Twice packing dimension	400mm*330mm*330mm	
	Twice packing quantity	2	
Packing length	100±1m		
Rip-cord	Yes	Crossing backbone	Yes
Ambient temperature	-20 C ~ 60 C		



# Smart Office

- Uniarch smart office products enable people to break the barrier of location and increase the global workforce.
- With several audio and video core technologies, Unear video conferencing product is able to give users perfect meeting experience.

# All-In-One Video Conference Camera

## Unear A30(T)

An ideal all-in-one solution for small-to-medium sized teams.



All-In-One Design



AI Noise Suppression



5-Meter Effective Voice Pickup Range



Full-Duplex Mode



Echo cancellation



Ultra Wide-Angle



HD Resolution



Unear A30T    Unear A30

# 2MP All-In-One Video Conference Camera

## Unear A20



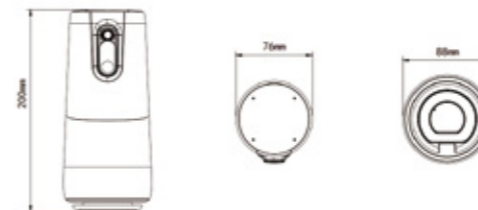
### Specifications

Unear A20	
<b>Features</b>	
Wide-Angle Camera	90° Ultra Wide-Angle
Non-Distortion	Supported
High-Quality Wideband Speaker	Supported
Clear Uninterrupted Full-Duplex Communication	Supported
<b>Image Spec</b>	
Self-Adaptive Skin Toning	Supported
Lens Distortion Correction	Supported
Anti-Flickering	Supported
Automatic Exposure	Supported
Automatic White Balance	Supported
3D DNR	Supported
<b>Video Specs</b>	
WDR	DWDR
Video Output	MAX UP TO 1920*1080@30fps(MJPEG)
Aspect Ratio	16:9
UVC Compatibility	1.0/ 1.1
USB 2.0 Transmission	MJPEG and YUV
<b>Camera Specs</b>	
Aperture	F2.0
Pixel	2MP
Image	UP TO 1920*1080
FOV(H)	90°
FOV(V)	60°
TV Distortion	< 1%
<b>Audio Specs</b>	
Maximum Background Noise Suppression	24dB
Full-Duplex	When the gap of acoustic intensity between the near-end and far-end is less than 50dB
Echo-Cancellation	Echo Cancellation ≥30dB
AGC	Automatic Gain Control *Within 5-Meter Range
Reverberation Suppression	RT60<1s
AI-based Speaker Detection	Supported
AI-based Noise-Suppression	Supported
<b>Microphone Specs</b>	
Microphones	4-Element MEMS Microphone, 360° Omnidirectional Array
Sensitivity	-38dB FS94dB SPL@1KHZ
SNR	63dB
Effective Voice Pickup Range	5 Meters(In conference rooms with low SNR, the actual voice pickup radius can be 5 meters or less)
<b>Speaker Specs</b>	
Peak Power	3W
Speaker Frequency Response	20Hz ~20kHz
Speaker Volume	105dB SPL @0dB 2kHz at 0.1m
THD	≤ 5%
<b>Configuration Requirements</b>	
PC Windows or Linux, Mac OS with USB Connection	Supported
<b>Speaker Specs</b>	
USB Power Supply	5V/500mA
Data Transmission over USB Type-C	Supported

### Key Features

- 4 Omni-directional microphones array algorithm, 5-meter far-field clear voice pickup
- Exclusive AI noise-suppression technology, real full-duplex communication
- 90° full HD wide-angle camera, in-person conference experience
- Automatic exposure/white balance, distortion correction
- Touch button, multi-color breathing status indicator
- Sliding physical privacy protection cover
- Plug & play, general compatibility with leading online conference platforms
- Audio & video all-in-one, intuitive control experience

### Dimensions



# 2MP All-In-One Video Conference Camera

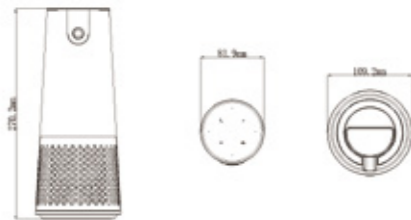
IoT-Unear A30T



## Key Features

- Omnidirectional 4 microphones array algorithm, 5-meter far-field clear voice pickup
- Exclusive AI noise-suppression technology, significantly increase concentration of conference participants
- Real full-duplex, HQ uninterrupted communication
- 100° full HD wide-angle camera, in-person conference experience
- Plug & play, general compatibility with leading online conference platforms
- Audio & video all-in-one, intuitive control experience

## Dimensions



## Specifications

	IoT-Unear A30T
<b>Features</b>	
Wide-Angle Camera	100° Ultra Wide-Angle
High-Quality Wideband Speaker	Supported
Clear Uninterrupted Full-Duplex Communication	Supported

Image Spec	
Self-Adaptive Skin Toning	Supported
Lens Distortion Correction	Supported
Anti-Flickering	Supported
Automatic Exposure	Supported
Automatic White Balance	Supported
3D Denoise	Supported
Video Specs	
Video Output	FHD 1080P@30fps
Aspect Ratio	16:9
UVC Compatibility	1.1 / 1.5
Coded Format	MJPEG and YUV
Camera Specs	
Aperture	F / 2.4
Pixel	2MP
FOV(H)	100°
FOV(V)	62°
TV Distortion	< 1%
Audio Specs	
Maximum Background Noise Suppression	24dB
Full-Duplex	When the gap of acoustic intensity between the near-end and far-end is less than 50dB
Echo-Cancellation	Echo Cancellation ≥30dB
AGC	Automatic Gain Control *Within 5-Meter Range
Reverberation Suppression	RT60<1s
AI-based Speaker Detection	Supported
AI-based Noise-Suppression	Supported
Microphone Specs	
Microphones	4-Element MEMS Microphone, 360° Omnidirectional Array
Sensitivity	-32dB FS94dB SPL@1KHZ
SNR	64dBA
Effective Voice Pickup Range	5 Meters (In conference rooms with low SNR, the actual voice pickup radius can be 5 meters or less)
Speaker Specs	
Peak Power	5W
Rated Output Power	3W
Speaker Frequency Response	20Hz ~20kHz
Speaker Volume	90dB SPL @0dB 1kHz at 0.5m
THD	≤1%
Configuration Requirements	
PC Windows or Linux, Mac OS with USB Connection	Supported
Input / Output	
USB Power Supply	5V/500mA
Data Transmission over USB Type-C	Supported
Weight	
Net Weight	618g
Gross Weight	1277g
Dimension	
Product Dimensions	270mm(H)*110mm(Φ)

# 4MP All-In-One Video Conference Camera

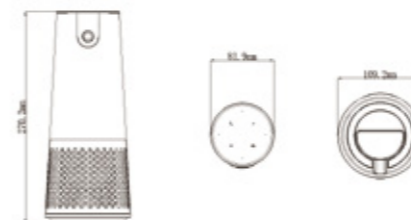
IoT-Unear A30



## Key Features

- Omnidirectional 4 microphones array algorithm, 5-meter far-field clear voice pickup
- Exclusive AI noise-suppression technology, significantly increase concentration of conference participants
- Real full-duplex, HQ uninterrupted communication
- 115° wide-angle distortion less camera captures all meeting participants clearly
- Plug & play, general compatibility with leading online conference platforms
- Audio & video all-in-one, intuitive control experience

## Dimensions



## Specifications

	IoT-Unear A30
<b>Features</b>	
Wide-Angle Camera	115° wide-angle distortion less
High-Quality Wideband Speaker	Supported
Clear Uninterrupted Full-Duplex Communication	Supported

Image Spec	
Self-Adaptive Skin Toning	Supported
Lens Distortion Correction	Supported
Anti-Flickering	Supported
Automatic Exposure	Supported
Automatic White Balance	Supported
3D Denoise	Supported
Video Specs	
Video Output	4MP@30fps
Aspect Ratio	16:9
UVC Compatibility	1.1 / 1.5
Coded Format	MJPEG and YUV
Camera Specs	
Aperture	F / 2.2
Pixel	4MP
FOV(H)	115°
FOV(V)	59°
TV Distortion	< 1%
Audio Specs	
Maximum Background Noise Suppression	24dB
Full-Duplex	When the gap of acoustic intensity between the near-end and far-end is less than 50dB
Echo-Cancellation	Echo Cancellation ≥30dB
AGC	Automatic Gain Control *Within 5-Meter Range
Reverberation Suppression	RT60<1s
AI-based Speaker Detection	Supported
AI-based Noise-Suppression	Supported
Microphone Specs	
Microphones	4-Element MEMS Microphone, 360° Omnidirectional Array
Sensitivity	-32dB FS94dB SPL@1KHZ
SNR	64dBA
Effective Voice Pickup Range	5 Meters (In conference rooms with low SNR, the actual voice pickup radius can be 5 meters or less)
Speaker Specs	
Peak Power	5W
Rated Output Power	3W
Speaker Frequency Response	20Hz ~20kHz
Speaker Volume	90dB SPL @0dB 1kHz at 0.5m
THD	≤1%
Configuration Requirements	
PC Windows or Linux, Mac OS with USB Connection	Supported
Input / Output	
USB Power Supply	5V/500mA
Data Transmission over USB Type-C	Supported
Weight	
Net Weight	635g
Gross Weight	1260g
Dimension	
Product Dimensions	270mm(H)*110mm(Φ)

# Webcam

## Unear V20

Best webcam for a variety of flexible personal office scenarios.

 2K ultra high-resolution	 Support WDR	 Dual Noise-Canceling Mics	 Area Sound Pickup
 Privacy protection	 Multiple Installation Modes	 Ultra Wide-angle	



# 4MP Webcam

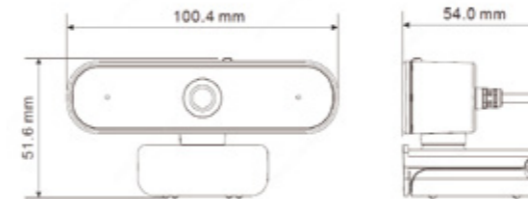
## Unear V20



### Key Features

- 1440P image quality, 90° wide angle lens
- True WDR Technology
- AI noise-suppression makes your sound more clear
- The built-in lens cover to protect your privacy
- USB plug and play

### Dimensions



### Specifications

Unear V20 Webcam	
<b>Video Specs</b>	
Anti-flickering	Supported
Auto exposure	Supported
Auto White balance	Supported
3D noise-suppression	Supported
WDR	Supported
Max. resolution	1440P
Aspect ratio	16:9
UVC protocol supported	UVC 1.1/1.5
Coded format	MJPEG: max to 1440P@30fps or 1080P@60fps
<b>Camera Specs</b>	
Aperture	f/2.3
Sensor	1/2.9 in, CMOS, 4MP
Focusing mode	3.0mm fixed-focus
FOV(D)	90°
FOV(H)	82°
FOV(V)	52°
Non-Distortion Lens	Supported
<b>Audio Specs</b>	
Area sound pickup range	-45°~45°
Maximum background noise suppression	15dB
<b>Microphone Specs</b>	
Microphone type	2-Element Microphones Array
Sensitivity	-26dBFS 94dB SPL@1kHz
S/N	65dB 94dB SPL@1kHz, A-weighted
Effective pickup distance	3 Meters
<b>Configuration Requirements</b>	
PC Windows or Linux, Mac OS with USB Connection	Supported
<b>Input / Output</b>	
USB Power Supply	5V/500mA
USB port	USB2.0 Type-A
USB 2.0	Supported
<b>Installation</b>	
Clip on the screen/on the tripod/on the surface	Supported
<b>Appearance Color</b>	
Classic black	Supported
<b>Input / Output</b>	
Net Weight	130g
Gross Weight	180g
<b>Dimensions</b>	
Product dimensions	100mm(L)*55mm(W)*50mm(H)
Package dimensions	132mm(L)*60mm(W)*110mm(H)