

Star Product: Infrared Fixed-lens Network Camera



Key features

- 2/4/5 MP
- Built-in Mic
- Night vision with smart IR
- Motion detection
- IP67 and IK10 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



Pick up ambient sound for an extra layer of security



Star Product: Smart Pan & Tilt Camera



Key features

- 2MP, 1/3" CMOS sensor
- Two-way audio
- Night vision with smart IR
- Motion detection
- Support Micro SD cards
- 2.4 GHz Wi-Fi

Application scenarios



Apartment Retail

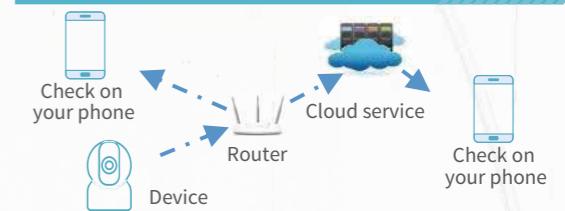
Free to place camera on a shelf or fix it to your wall or ceiling

Easy to use



Set up in minutes by simply downloading the app and connecting the camera to Wi-Fi/Ethernet

Cyber security



Data protection:
GDPR, Video encryption, https

Budget friendly

Do more with less

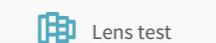
Endless quality pursuit



Stability test



Image test



Lens test



Scene test

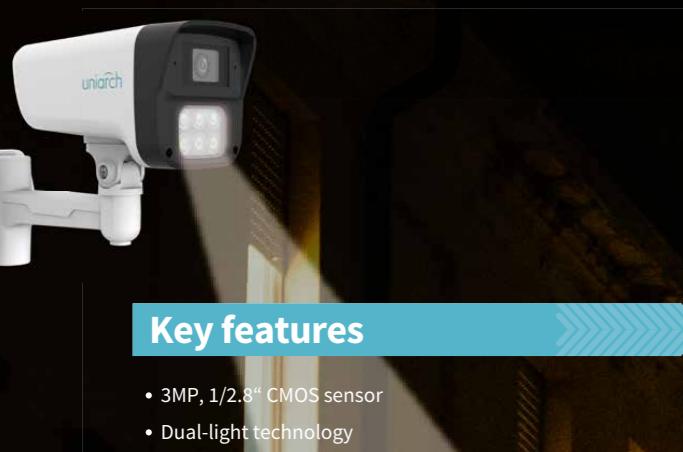
Feature-rich

- Digital zoom
 - Motion detection
 - Smart tracking
- Smart IR
 - AI function
 - Remote viewing

Guarantee the hardware

Take more advantage of the software

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

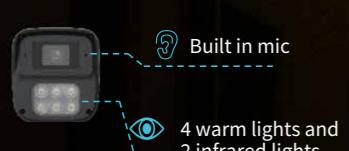
Application scenarios



Fish ponds orchards Retail

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

Advanced hardware



Built in mic
4 warm lights and 2 infrared lights

Provide richer details and restore the real scene

Smart function

Human body detection
Detect the person and marked with a rectangle

Smart dual-light mode

IR mode
Turn on infrared light, trigger warm light shinning when preset are detected

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 preset are detected

Star Product: Dual-light PT Camera (Coming Soon)



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

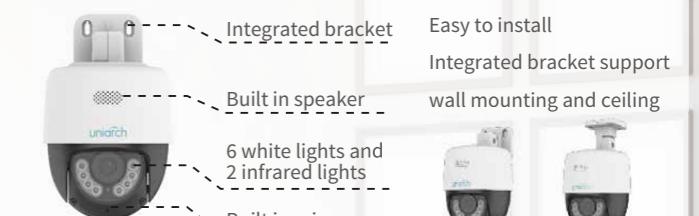
Application scenarios



Yard Retail Warehouse

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

Advanced hardware



Integrated bracket
Easy to install
Integrated bracket support
wall mounting and ceiling

Built in speaker

6 white lights and 2 infrared lights

Built in mic

Smart dual-light mode

- Intrusion detection (Based on human)
- Three dual-light mode

IR mode: IR on WL flicker

WL mode: WL on WL on

Dual-light: IR on WL on

2MP Mini Fixed 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)

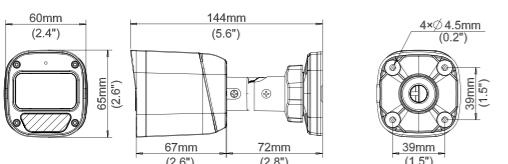
Network

- 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															
Camera																	
Sensor	1/2.8", progressive scan, CMOS																
Lens	2.8mm@F2.1	4.0mm@F2.1															
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>43.4</td> <td>17.4</td> <td>8.7</td> <td>4.3</td> </tr> <tr> <td>4.0</td> <td>62.1</td> <td>24.8</td> <td>12.4</td> <td>6.2</td> </tr> </tbody> </table>	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	
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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																
Video																	
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																
Network																	
Protocols	IPv4, IGMP, ICMP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, UPnP, HTTP, RTMP																
Compatible Integration	ONVIF (Profile S, Profile T), API																
Interface																	
Network	10/100M Base-TX Ethernet																
Built-in Mic	Supported																
General																	
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 Network IR Fixed Dome 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)

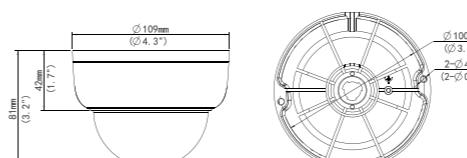
Network

- 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															
Camera																	
Sensor	1/2.8", progressive scan, CMOS																
Lens	2.8mm@F2.1	4.0mm@F2.1															
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>43.4</td> <td>17.4</td> <td>8.7</td> <td>4.3</td> </tr> <tr> <td>4.0</td> <td>62.1</td> <td>24.8</td> <td>12.4</td> <td>6.2</td> </tr> </tbody> </table>	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	
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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																
Video																	
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;																
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Privacy Mask	Up to 4 areas																
ROI	Up to 8 areas																
Motion Detection	Up to 4 areas																
Network																	
Protocols	IPv4, IGMP, ICMP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, UPnP, HTTP, RTMP																
Compatible Integration	ONVIF (Profile S, Profile T), API																
Interface																	
Network	10/100M Base-TX Ethernet																
General																	
Power	DC 12V±25%, PoE Power consumption: Max 3.5W																
Dimensions (Ø × H)	Ø 109mm (4.3") × 81mm (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)

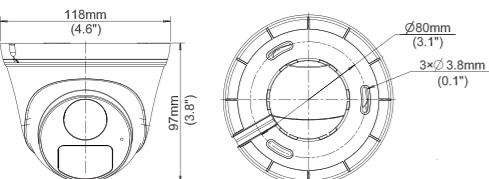
Network

- 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															
Camera																	
Sensor	1/2.8", progressive scan, CMOS																
Lens	2.8mm@F2.1	4.0mm@F2.1															
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>43.4</td> <td>17.4</td> <td>8.7</td> <td>4.3</td> </tr> <tr> <td>4.0</td> <td>62.1</td> <td>24.8</td> <td>12.4</td> <td>6.2</td> </tr> </tbody> </table>	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	
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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																
Video																	
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																
Network																	
Protocols	IPv4, IGMP, ICMP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, UPnP, HTTP, RTMP																
Compatible Integration	ONVIF (Profile S, Profile T), API																
Interface																	
Network	10/100M Base-TX Ethernet																
Built-in Mic	Supported																
General																	
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 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)

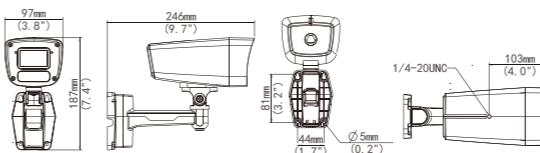
Network

- 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
Camera	
Sensor	1/3", progressive scan, CMOS
Minimum Illumination	Colour: 0.02Lux (F2.3, AGC ON) 0Lux with IR on
WDR	DWDR
Lens	
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°
Illuminator	
IR Range	Up to 60m (196ft) IR range
Video	
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;
Image	
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
Events	
Basic Detection	motion detection, audio detection
General Function	Watermark, IP address filtering, access policy, ARP protection, RTSP authentication, user authentication, HTTP authentication
Network	
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
Interface	
Network	1 * RJ45 10M/100M Base-TX Ethernet
Built-in Mic	Supported
Certifications	
Protection	IP67

3MP Mini Fixed Bullet Network Camera

IPC-B123-AF28-A



Key Features

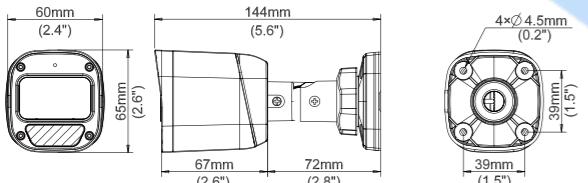
Optics

Compression

Network

Structure

Dimensions



Specifications

IPC-B123-AF28-A					
Camera					
Sensor	1/2.8", progressive scan, CMOS				
Lens	2.8mm@F2.1				
DORI Distance		Lens (mm)	Detect (m)	Observe (m)	Recognize (m)
	2.8	51.4	20.6	10.3	5.1
Angle of View (H)	109.2°				
Angle of View (V)	57.9°				
Angle of View (O)	117.8°				
Adjustment angle	Pan: 0° ~ 360°	Tilt: 0° ~ 90°	Rotate: 0° ~ 360°		
Shutter	Auto/Manual, 1 ~ 1/100000s				
Minimum Illumination	Colour: 0.01Lux (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				
Video					
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 20fps; 1080P (1920*1080), Max 30fps; 720P (1280*720), Max 30fps; Sub Stream: 4CIF (704*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				
Network					
Protocols	IPv4, IGMP, ICMP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, UPnP, HTTP, RTMP				
Compatible Integration	ONVIF (Profile S, Profile T), API				
Interface					
Network	10/100M Base-TX Ethernet				
Built-in Mic	Supported				
General					
Power	DC 12V±25%				
	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)				
Surge Protection	4KV				
Ingress Protection	IP67				
Reset Button	N/A				

3MP Vandal-resistant Network IR Fixed Dome Camera

IPC-D123-F28-A



Key Features

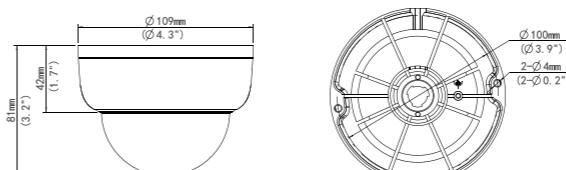
Optics

Compression

Network

Structure

Dimensions



Specifications

IPC-D123-F28-A					
Camera					
Sensor	1/2.8", progressive scan, CMOS				
Lens	2.8mm@F2.1				
DORI Distance		Lens (mm)	Detect (m)	Observe (m)	Recognize (m)
	2.8	51.4	20.6	10.3	5.1
Angle of View (H)	109.2°				
Angle of View (V)	57.9°				
Angle of View (O)	117.8°				
Adjustment angle	Pan: 8° ~ 360°	Tilt: 0° ~ 75°			
Shutter	Auto/Manual, 1 ~ 1/100000s				
Minimum Illumination	Colour: 0.01Lux (F2.1, AGC ON) 0Lux with IR				
Digital noise reduction	IR-cut filter with auto switch (ICR)				
Day/Night	2D/3D DNR				
S/N	>52dB				
IR Range	Up to 30m (98ft) IR range				
Defog	Digital Defog				
WDR	DWDR				
Video					
Video Compression	Ultra 265, H.265, H.264				
H.264 code profile	Baseline profile, Main profile, High profile				
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HLC	Supported				
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OSD	Up to 4 OSDs				
Privacy Mask	Up to 4 areas				
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Compatible Integration	ONVIF (Profile S, Profile T), API				
Interface					
Network	10/100M Base-TX Ethernet				
General					
Power	DC 12V±25%				
	Power consumption: Max 3.5W				
Dimensions (Ø x H)	Ø 109mm (Ø 4.3") x 81mm (3.2")				
Weight	0.33kg (0.73lb)				
Working Environment	-30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)				
Surge Protection	4KV				
Ingress Protection	IP67				
Vandal Resistant	IK10				
Reset Button	N/A				

3MP Fixed Eyeball Network Camera

IPC-T123-AF28-A



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)

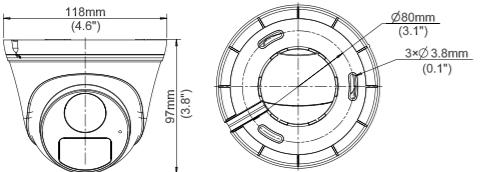
Network

- 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-T123-AF28-A								
Camera								
Sensor	1/2.8", progressive scan, CMOS							
Lens	2.8mm@F2.1							
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)			
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Angle of View (H)	109.2°							
Angle of View (V)	57.9°							
Angle of View (O)	117.8°							
Adjustment angle	Pan: 0° ~ 360°	Tilt: 0° ~ 75°	Rotate: 0° ~ 360°					
Shutter	Auto/Manual, 1 ~ 1/10000s							
Minimum Illumination	Colour: 0.01Lux (F2.1, AGC ON) 0Lux with IR							
Digital noise reduction	IR-cut filter with auto switch (ICR)							
Day/Night	2D/3D DNR							
S/N	>52dB							
IR Range	Up to 30m (98ft) IR range							
Defog	Digital Defog							
WDR	DWDR							
Video								
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 20fps; 1080P (1920*1080), Max 30fps; 720P (1280*720), Max 30fps; Sub Stream: 4CIF (704*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							
Network								
Protocols	IPv4, IGMP, ICMP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, UPnP, HTTP, RTMP							
Compatible Integration	ONVIF (Profile S, Profile T), API							
Interface								
Network	10/100M Base-TX Ethernet							
Built-in Mic	Supported							
General								
Power	DC 12V±25% Power consumption: Max 3.5W							
Dimensions (Ø x H)	Ø118x97mm (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)							
Surge Protection	4KV							
Ingress Protection	IP67							
Reset Button	N/A							

4MP Mini Fixed 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)

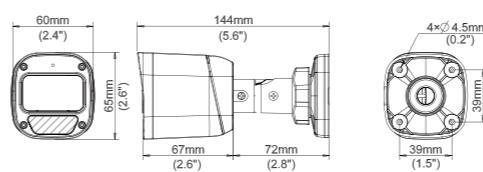
Network

- 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	
Camera			
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		
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° ~ 90°	Rotate: 0° ~ 360°
Shutter	Auto/Manual, 1 ~ 1/10000s		
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		
Video			
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; 4CIF(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		
Network			
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		
Interface			
Network	10/100M Base-TX Ethernet		
Built-in Mic	Supported		
General			
Power	DC 12V±25%, PoE 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 Network IR Fixed Dome 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)

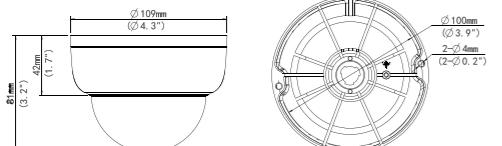
Network

- 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
Camera		
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 ~ 1/100000s	
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	
Video		
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	
Network		
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SSL, QoS, RTMP	
Compatible Integration	ONVIF (Profile S, Profile T), API	
Interface		
Network	10/100M Base-TX Ethernet	
General		
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
- ROI (Region of Interest)

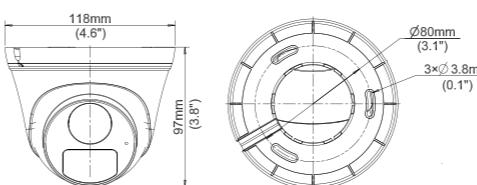
Network

- 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
Camera		
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°
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	
Video		
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	
Network		
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SSL, QoS, RTMP	
Compatible Integration	ONVIF (Profile S, Profile T), API	
Interface		
Network	10/100M Base-TX Ethernet	
Built-in Mic	Supported	
General		
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	

5MP Mini Fixed Bullet Network Camera

IPC-B125-APF28(40)



Key Features

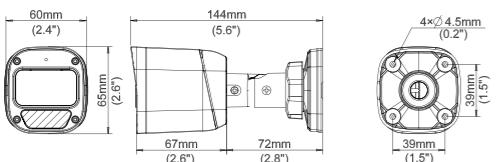
Optics

Compression

Network

Structure

Dimensions



Specifications

	IPC-B125-APF28	IPC-B125-APF40
Camera		
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° ~ 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	
Video		
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	
Network		
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	
Interface		
Network	10/100M Base-TX Ethernet	
Built-in Mic	Supported	
General		
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 Network IR Fixed Dome Camera

IPC-D125-PF28(40)



Key Features

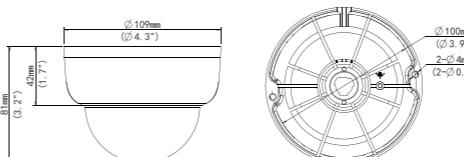
Optics

Compression

Network

Structure

Dimensions



Specifications

	IPC-D125-PF28	IPC-D125-PF40
Camera		
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	
Video		
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	
Network		
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	
Interface		
Network	10/100M Base-TX Ethernet	
General		
Power	DC 12V±25%, PoE	
Dimensions (Ø x H)	Ø 109mm (4.3") x 81mm (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)

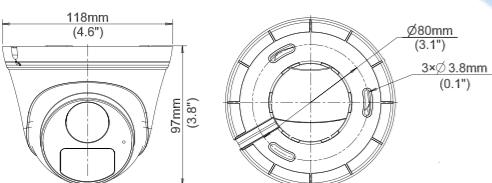
Network

- 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
Camera		
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	
Video		
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	
Network		
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	
Interface		
Network	10/100M Base-TX Ethernet	
Built-in Mic	Supported	
General		
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)

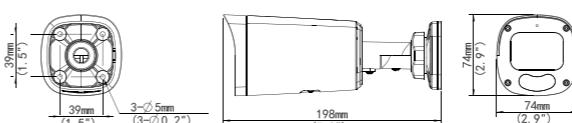
Network

- 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
Camera	
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: 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
Storage	
Edge Storage	Micro SD, up to 128GB
Network Storage	ANR,NAS(NFS)
Video	
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
Smart	
Behavior Detection	Intrusion(based on human body detection) Motion detection, tampering alarm, audio detection
Network	
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, UPnP, HTTP, HTTPS, SMTP, SSL, QoS, RTMP
Compatible Integration	ONVIF (Profile S, Profile T, Profile G), API
Interface	
Network	10/100M Base-TX Ethernet
Built-in Mic	Supported
General	
Power	DC 12V±25%, PoE Power consumption: Max 3.5W
Ingress Protection	IP67

2MP Vandal-resistant Network IR VF Dome 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)

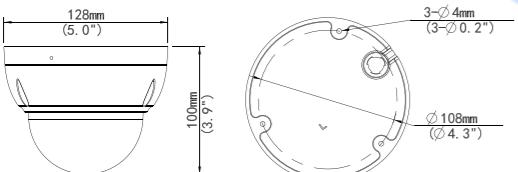
Network

- 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					
Camera					
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)
	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				
Storage					
Edge Storage	Micro SD, up to 128GB				
Network Storage	ANR,NAS(NFS)				
Video					
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				
Smart					
Behavior Detection	Intrusion(based on human body detection) Motion detection, tampering alarm, audio detection				
Network					
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				
Interface					
Network	10/100M Base-TX Ethernet				
Built-in Mic	Supported				
General					
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)

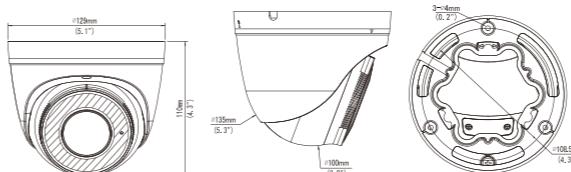
Network

- 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					
Camera					
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)
	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				
Storage					
Edge Storage	Micro SD, up to 128GB				
Network Storage	ANR,NAS(NFS)				
Video					
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				
Smart					
Behavior Detection	Intrusion(based on human body detection) Motion detection, tampering alarm, audio detection				
Network					
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				
Interface					
Network	10/100M Base-TX Ethernet				
Built-in Mic	Supported				
General					
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)

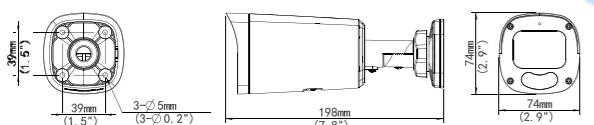
Network

- 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					
Camera					
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)
	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				
Storage					
Edge Storage	Micro SD, up to 256GB				
Network Storage	ANR, NAS(NFS)				
Video					
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				
Smart					
Behavior Detection	Intrusion(based on human body detection) Motion detection, tampering alarm, audio detection				
Network					
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				
Interface					
Network	10/100M Base-TX Ethernet				
Built-in Mic	Supported				
General					
Power	DC 12V±25%, PoE Power consumption: Max 7.5W				
Ingress Protection	IP67				

4MP Vandal-resistant Network IR VF Dome 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)

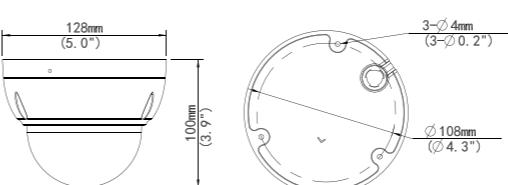
Network

- 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					
Camera					
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)
	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				
Storage					
Edge Storage	Micro SD, up to 256GB				
Network Storage	ANR, NAS(NFS)				
Video					
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				
Smart					
Behavior Detection	Intrusion(based on human body detection) Motion detection, tampering alarm, audio detection				
Network					
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				
Interface					
Network	10/100M Base-TX Ethernet				
Built-in Mic	Supported				
General					
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)

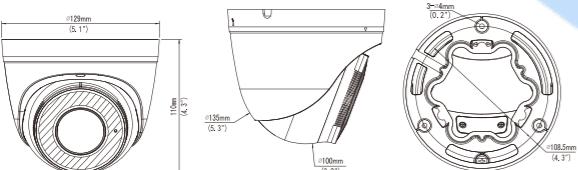
Network

- 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					
Camera					
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)
	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				
Storage					
Edge Storage	Micro SD, up to 256GB				
Network Storage	ANR, NAS(NFS)				
Video					
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				
Smart					
Behavior Detection	Intrusion(based on human body detection) Motion detection, tampering alarm, audio detection				
Network					
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				
Interface					
Network	10/100M Base-TX Ethernet				
Built-in Mic	Supported				
General					
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)

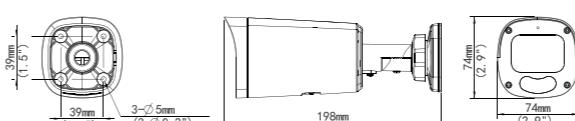
Network

- 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					
Camera					
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)
	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				
Storage					
Edge Storage	Micro SD, up to 256GB				
Network Storage	ANR, NAS(NFS)				
Video					
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				
Smart					
Behavior Detection	Intrusion(based on human body detection) Motion detection, tampering alarm, audio detection				
Network					
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				
Interface					
Network	10/100M Base-TX Ethernet				
Built-in Mic	Supported				
General					
Power	DC 12V±25%, PoE Power consumption: Max 7.5W				
Ingress Protection	IP67				

5MP Vandal-resistant Network IR VF Dome 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)

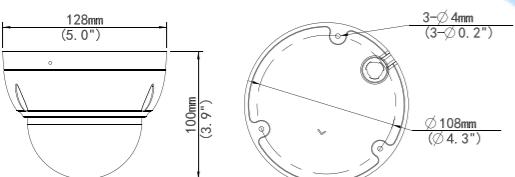
Network

- 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					
Camera					
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)
	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				
Storage					
Edge Storage	Micro SD, up to 256GB				
Network Storage	ANR, NAS(NFS)				
Video					
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				
Smart					
Behavior Detection	Intrusion(based on human body detection) Motion detection, tampering alarm, audio detection				
Network					
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				
Interface					
Network	10/100M Base-TX Ethernet				
Built-in Mic	Supported				
General					
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)

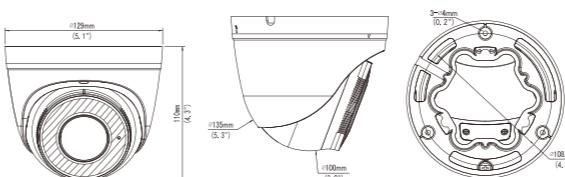
Network

- 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					
Camera					
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)
	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				
Storage					
Edge Storage	Micro SD, up to 256GB				
Network Storage	ANR, NAS(NFS)				
Video					
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				
Smart					
Behavior Detection	Intrusion(based on human body detection) Motion detection, tampering alarm, audio detection				
Network					
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				
Interface					
Network	10/100M Base-TX Ethernet				
Built-in Mic	Supported				
General					
Power	DC 12V±25%, PoE Power consumption: Max 6.0W				
Ingress Protection	IP67				

3MP HD Fixed Dual-light Bullet Network Camera

IPC-B213-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)

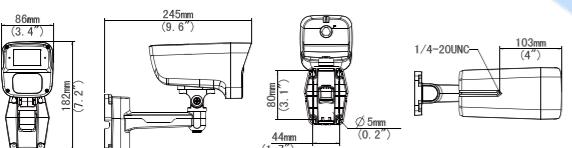
Network

- ONVIF Conformance

Structure

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

Dimensions



Specifications

IPC-B213-APF40W	
Image	
Sensor	1/2.8", progressive scan, CMOS
Minimum Illumination	Colour: 0.01Lux (F2.0, AGC ON) 0Lux with IR on
WDR	DWDR
Lens	
Lens Type	4.0mm @2.0, Fixed-focal
Angle of View (H)	89.0°
Angle of View (V)	46.9°
Angle of View (O)	93.8°
Illuminator	
IR Range	Up to 50m (164ft) IR range
White Light Range	Up to 30m (98ft) White light range
Video	
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: 4CIF (704*576), Max 30fps; 640*360, Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps;
Image	
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
Events	
Basic Detection	motion detection, human body detection, audio detection
General Function	Watermark, IP address filtering, access policy, ARP protection, RTSP authentication, user authentication, HTTP authentication
Network	
Protocols	IPv4, ICMP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, UPnP, HTTP, RTMP
Compatible Integration	ONVIF (Profile S, Profile T), API
Client	Unarch Client Unarch APP
Interface	
Network	1 * RJ45 10M/100M Base-TX Ethernet
Built-in Mic	Supported
General	
Ingress Protection	Ingression protection: IP67

3MP 20X Network PTZ Camera

IPC-P413-X20



Key Features

- High quality image with 4MP,1/2.8" CMOS sensor
- 2688*1520@30fps in the main stream
- Ultra 265, H.265, H.264, MJPEG
- Triple streams
- 25X Optical Zoom
- Smart intrusion prevention, support false alarm filtering, include Cross Line, Intrusion, Enter Area, Leave Area detection
- Lighthunter technology ensures ultra-high image quality in low illumination environment
- Smart IR, up to 100m (328ft) IR distance
- DC 12V±25% or PoE+ (IEEE 802.3at)
- Alarm 2 in and 1 out, Audio 1 in and 1 out
- IP67 ingress protection
- IK10 vandal resistant

Specifications

IPC-P413-X20	
Camera	
Sensor	1/2.8", 3.0 megapixel, progressive scan, CMOS
Lens type	5 ~ 100mm, AF automatic focusing and motorized zoom lens, Fixed; F1.7 ~ F2.8
Optical Zoom	20
Angle of View (H)	51.70° ~ 3.85° Angle of View (V) 30.49° ~ 2.16° Angle of View (O) 63.60° ~ 4.54°
Lens (mm)	Detec (m)
DORI Distance	Observe (m) Recognize (m) Identify (m)
5	90.0 (295.3ft)
100	36.0 (118.1ft) 18.0 (59.1ft) 9.0 (29.5ft)
IR Range	Up to 100m (328 ft) IR range
Video	
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
Smart	
Smart Intrusion Prevention	Support false alarm filtering: Cross Line detection, Intrusion detection
Face Capture	Support, Face attributes: Gender, Age range, Glasses, Mask
People Counting	Support people flow counting and crowd density monitoring
Basic Detection	Motion detection, Tampering Alarm
Auto Tracking	Support
Storage	
Edge Storage	Micro SD, up to 256 GB
Pan & Tilt	
Pan Range	360° (endless)
Pan Speed	0.1°/s ~ 80°/s
Tilt Range	-15° ~ 90° (auto reverse)
Preset speed: 80°/s	Preset speed: 80°/s
Preset speed: 80°/s	0.1°/s ~ 80°/s
Number of Presets	1024
Home Position	Support
Interface	
Network	1 * RJ45 10M/100M Base-TX Ethernet
General	
Power	DC12V (±25%), PoE+(IEEE 802.3at)
Power consumption	MAX 20W
Protection	Ingression protection: IP66 (IEC 60529:1989+AMD1:1999+AMD2:2013)

Accessories



3MP HD Dual-light Network PT Camera

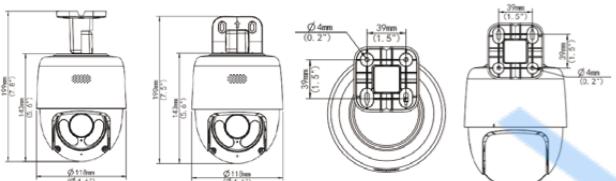
IPC-P213-AF40KC



Key Features

- 2304*1296@20fps in the main stream
- Ultra 265, H.265, H.264
- Smart intrusion prevention, support false alarm filtering, include 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					
Camera					
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				
Video					
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				
Smart					
Smart Intrusion Prevention	Support false alarm filtering: Cross Line detection, Intrusion detection				
Basic Detection	Motion detection, Audio detection				
Storage					
Edge Storage	Micro SD, up to 256 GB				
Pan & Tilt					
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				
Interface					
Built-in Mic	Support				
Built-in Speaker	Support				
Network	1 * RJ45 10M/100M Base-TX Ethernet				
General					
Power	DC 12V±25%, PoE (IEEE 802.3af)				
	Power consumption: TBD				
Protection	Ingress protection: IP66				

2MP Smart Pan & Tilt Camera

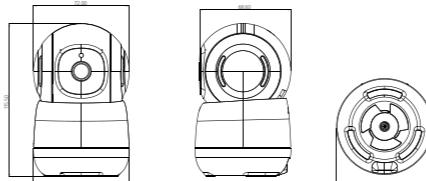
Uho-S1



Key Features

- Easy to install and use.
- Clear and smooth video browsing; intelligent transmission
- giving full play to capabilities of the network.
- Online firmware upgrade, and synchronous updating of the functions and experience.
- Two-way audio supported.
- Remote real-time monitoring supported with Android and iOS smart phones.
- IR light for night vision; 24h round-the-clock monitoring.
- Intelligent push to filter out useless information.
- QR code intelligent connection.
- Supporting human detection, pet snapshot and activity zone.*

Dimensions



Specifications

Uho-S1	
Camera	
Sensor	1/3" color CMOS sensor, 2.0 megapixel.
Lens	3.6mm/F2.0
Angle of View	H (horizontal) 85°; V (vertical) 48°; D (diagonal) 100°.
Minimum Illumination	0.01Lux
IR Range	Up to 7m IR range
Audio	
Input / Output	Two-way audio available (built-in microphone and speaker).
Video	
Video Compression	H.264/H.265
Lighting frequency	50Hz, 60Hz
Image	FHD:1920*1080@15fps/10fps(IR mode) SD:640*360@15fps/10fps(IR mode)
Network	
Protocols	TCP/IP, UDP/IP
Wireless Network	2.4G Wi-Fi (IEEE802.11b/g/n), built-in antenna.
IP Address	DHCP
Interface	
Power Supply	1 Micro USB interface, DC 5V/1A
SD card	1 Micro SD card slot
Keys	1 Reset key
Storage	
Cloud storage	Supported*
SD card storage	Supported (up to 128 GB)
Intelligent functions	
Motion detection	Supported
Motion tracking	Supported
Intelligent push	Supported*
Pet detection	Supported*
Human detection	Supported*
Alarm	
Alarm linkage	Support video recording, sound alarm.
Alarm notification	Alarm push by mobile APP.
General	
Mount method	Ceiling or wall mounted
Dimensions (L × W × H)	72.3 × 72.3 × 115.5mm
Weight	180g
Working Environment	-10°C ~ 45°C / 10% ~ 80% (no condensation)
Storage Environment	-20°C ~ 60°C / 0% ~ 90% (no condensation)
Pan and Tilt	H (horizontal) 0° ~ 355°; V (vertical) -20° ~ 90°
LED indication	Monochrome white light

2MP Smart PT Camera

Uho-S2E



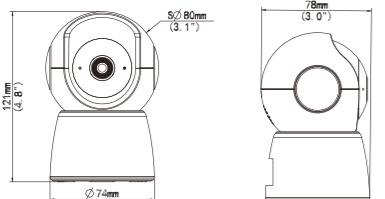
Overview

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.
- Multiple detection ways.
- Easy and convenient to use.

Dimensions



Specifications

Uho-S2E	
Image	
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
Audio	
Input/output	Two-way audio (built-in Mic and speaker)
Pickup range	5m
Audio compression	G711A
Video	
Video compression	H.264/H.265
Video bit rate	Average≤1536 Kbps, maximum≤1920 Kbps
Network	
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
Interface	
Power	Micro USB interface, DC 5V/1A
SD card	Micro SD card slot
Button	Reset button
Storage	
SD card storage	Supported (up to 256 GB)
NVR storage	Networking with NVR, video can be stored in NVR
Detection function	
Motion detection	Supported
Motion tracking	Supported
Audio detection	Supported
Human body detection	Supported
General	
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-S2



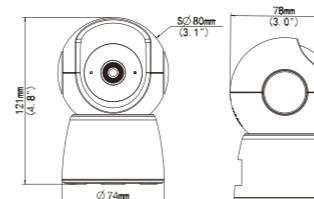
Overview

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	
Image	
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
Audio	
Input/output	Two-way audio (built-in Mic and speaker)
Pickup range	5m
Audio compression	G711A
Video	
Video compression	H.264/H.265
Video bit rate	Average≤1536 Kbps, maximum≤1920 Kbps
Network	
Wi-Fi	2.4G Wi-Fi (IEEE802.11b/g/n), built-in antenna
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API
Interface	
Power	Micro USB interface, DC 5V/1A
SD card	Micro SD card slot
Button	Reset button
Storage	
SD card storage	Supported (up to 256 GB)
NVR storage	Networking with NVR, video can be stored in NVR
Detection function	
Motion detection	Supported
Motion tracking	Supported
Audio detection	Supported
Human body detection	Supported
General	
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