

PRODUCT GUIDE **2015**

uniview

uniview

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ABOUT UNIVIEW

Uniview is the pioneer and leader of IP video surveillance. Heritages profound IT technologies, we founded independently in December, 2011. We are the second largest player in the high-end video surveillance segment in China and the third largest in the overall video surveillance market in China as measured by 2014 revenue. We insist on open cooperation, focusing on high quality and improving innovative ability.

Till June, 2015, we have more than 1916 employees, owning R&D departments in Hangzhou and Shenzhen, which are the most innovative teams in video surveillance industry. We applied for more than 600 patents. And every two days we applied for one patents. We represent the strongest innovative ability and the highest innovation efficiency.

We are a quality-oriented company, having high quality and self-owned intellectual properties' products, including IP camera, NVR, encoder, decoder, IP SAN, client software and app.

We regard “customer-oriented, simple and fair, cooperative and innovative, consistent improvement” as company cultures.

Better Security, Better World. We sincerely invite you to join us to endeavor in building a safer world.

Vision:

To become a global leader in video surveillance industry.

Product Portfolio:

Network camera, NVR, IP SAN, encoder, decoder

FRONT-END PRODUCT FEATURES



Ultra HD

4K is a HD standard with 3840*2160 resolution. It is 4 times of 1080P (Full HD), 8 times of 720P (HD). The details can be perfectly shown.



120dB WDR

WDR function can ensure clear image with rich details when confronted with sharp lighting contrast, preventing dark or over-exposed image, ensuring great image quality. Uniview's products support up to 120dB WDR ability.



Starlight

Uniview 1080P starlight cameras provide clear color image even under 0.002 Lux (F1.2) low light condition.



Defog

Uniview puts forward optical defog and digital defog technology, which applies IR for imaging. All lost details in fog weather can be reproduced perfectly.

Digital Defog



Optical Defog





60fps

Fluent fps image coding, smooth image without lag compared to 30fps image.



Corridor mode

When 9:16 mode is applied, the portion of useful monitoring area can be increased up to 80%. Meanwhile, since the vertical angle of view is increased, the blind angle is reduced.



1+1 share mode

Camera with optical interface can connect to another camera via Ethernet port. Two cameras share the data transmission with only one optical fiber, saving wiring cost.

SFP



SFP is an optical convert module that transform digital signal into optical signal. With SFP, the data transmission range can be extended to tens of kilometers, much longer than regular Ethernet transmission. Uniview IP cameras support SFP interface that reduces external optical transmitters, reducing system failure point.



Zoom/Focus interface

Uniview box cameras integrate Zoom/Focus interface, realize the Zoom/Focus remote control of lens without requiring PTZ platform, reduce cost and ease installation.



Smart temperature control

Smart temperature control reduces the device power consumption and increases product life.



Extreme temperature

Uniview's cameras can well function under up to $-40^{\circ}\text{C} \sim 70^{\circ}\text{C}$, adapting to various harsh environment condition.



Wide voltage range



Cameras are able to tolerate $\pm 25\%$ voltage fluctuation, much better than regular camera's $\pm 10\%$ tolerance. AC 24V cameras can well function under AC 31.8V, 32.5% higher.

Wide voltage range ability can ensure camera's stability under fluctuating voltage condition.



Power backup

PoE function can backup for AC or DC, improving device functioning stability.



IP67

IP67 indicates the product is dust proof and keep function under 1 meter water for 1 hour.



ABF

ABF technology which adjusts sensor location automatically can ensure IP camera's best focus status.

No-ABF



ABF



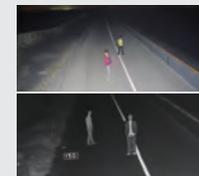
12V DC Output

Uniview fixed domes support 12V DC output while powered by PoE. The IP camera's 12V DC output can give power to alarm devices, audio devices and so on.



Full spectrum light

Uniview provides full spectrum light technology to light at night, the devices automatically switch to white light while target is nearby and IR light while target is far.



Surge protection

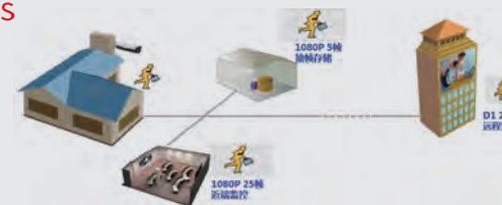


Device alone can reach 6 KV surge protection ability without any external protection. According to research, inductive stroke that 10m from cable only cause less than 4 KV voltage. 6KV surge protection can satisfy daily protection needs and survive from some harsh conditions.



Multi streams

Uniview's all series IP cameras support multi streams. This technology supports to encode triple different streams at the same time.



NETWORK CAMERA

Box

Model	IPC541E-DLC	IPC542E-DLC	IPC542E-DUC	IPC542E-DUG	IPC562E-DUG
Appearance					
Sensor	1/3" / 1.3MP / CMOS	1/2.8" / 2MP / CMOS	1/1.9" / 2MP / CMOS	1/1.9" / 2MP / CMOS	1/1.9" / 2MP / CMOS
Wide Dynamic Range	120 dB	120 dB	120 dB	120 dB	120 dB
Motor Zoom/Focus	√	√	√	√	√
Video Compression	H.264 , MJPEG	H.264 , MJPEG	H.264 , MJPEG	H.264 , MJPEG	H.264 , MJPEG
Frame Rate	1280 × 960 30fps	1920 × 1080 30fps	1920 × 1080 30fps	1920 × 1080 30fps	1920 × 1080 30fps
Defog	Digital Defog	Digital Defog	Digital Defog	Digital Defog	Optical Defog & Digital Defog
ABF	N/A	N/A	N/A	N/A	√
ROI(Region of Interest)	√	√	√	√	√
9:16 Corridor Mode	√	√	√	√	√
Video Streaming	Triple Streams	Triple Streams	Triple Streams	Triple Streams	Triple Streams
Privacy Mask	√	√	√	√	√
Audio Compression	G.711	G.711	G.711	G.711	G.711
Alarm I/O	2 / 1	2 / 1	2 / 1	2 / 1	2 / 1
Edge Storage	Up to 64GB	Up to 64GB	Up to 64GB	Up to 64GB	Up to 64GB
Network Interface	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet
Power	24V AC, 12V DC, PoE(IEEE802.3af)	24V AC, 12V DC, PoE(IEEE802.3af)	24V AC, 12V DC, PoE(IEEE802.3af)	24V AC, 12V DC, PoE(IEEE802.3af)	24V AC, 12V DC, PoE(IEEE802.3af)
Working Environment	-20 C ~ 60 C (-4°F ~ 140°F)	-20 C ~ 60 C (-4°F ~ 140°F)	-20 C ~ 60 C (-4°F ~ 140°F)	-20 C ~ 60 C (-4°F ~ 140°F)	-20 C ~ 60 C (-4°F ~ 140°F)
Weight	0.48kg(1.1lb)	0.48kg(1.1lb)	0.48kg(1.1lb)	0.48kg(1.1lb)	0.48kg(1.1lb)
Power Consumption	4.8W (ICR switch: extra 2W)	4.8W (ICR switch: extra 2W)	4.8W (ICR switch: extra 2W)	4.8W (ICR switch: extra 2W)	4.8W (ICR switch: extra 2W)
Dimensions	151.5mmx71mm x65mm (6.0" x 2.8"x 2.6")	151.5mmx71mm x65mm (6.0" x 2.8"x 2.6")	151.5mmx71mm x65mm (6.0" x 2.8"x 2.6")	151.5mmx71mm x65mm (6.0" x 2.8"x 2.6")	151.5mmx71mm x65mm (6.0" x 2.8"x 2.6")

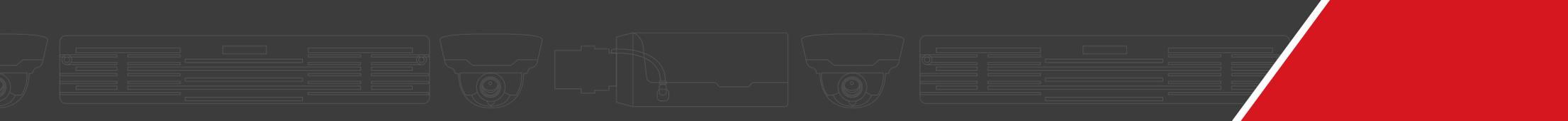
Bullet

Model	IPC241E-DLIR-IN	IPC242E-DLIR-IN	IPC241E-IR-IN	IPC242E-IR-IN	IPC241E-IR-Z-IN
Appearance					
Sensor	1/3" / 1.3MP / CMOS	1/2.8" / 2MP / CMOS	1/3" / 1.3MP / CMOS	1/2.8" / 2MP / CMOS	1/3" / 1.3MP / CMOS
Wide Dynamic Range	120 dB	120 dB	Digital WDR	Digital WDR	Digital WDR
Zoom	Manual	Manual	Manual	Manual	Motor Drive
Lens	Focus/Iris: 3~10.5 mm/F1.4 Angle of View:91.2° ~ 25.5°	Focus/Iris: 3 ~ 10.5mm/F1.4 Angle of View:102.4°~ 27.4°	Focus/Iris: 3 ~ 10.5mm/F1.4 Angle of View:91.2°~ 25.5°	Focus/Iris: 3 ~ 10.5mm/F1.4 Angle of View:102.4°~ 27.4°	Focus/Iris: 3 ~ 10.5mm/F1.4 Angle of View:90°~ 28°
IR	Up to 30m (98 ft)	Up to 30m (98 ft)	Up to 30m (98 ft)	Up to 30m (98 ft)	Up to 30m (98 ft)
Video Compression	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG
Frame Rate	1280 × 960 30fps	1920 × 1080 30fps	1280 × 960 30fps	1920 × 1080 30fps	1280 × 960 30fps
ROI(Region of Interest)	√	√	√	√	√
9:16 Corridor Mode	√	√	√	√	√
Video Streaming	Triple Streams	Triple Streams	Triple Streams	Triple Streams	Triple Streams
Privacy Mask	√	√	√	√	√
Audio Compression	G.711	G.711	G.711	G.711	G.711
Alarm I/O	2 / 1	2 / 1	2 / 1	2 / 1	2 / 1
Edge Storage	Up to 64GB	Up to 64GB	Up to 64GB	Up to 64GB	Up to 64GB
Network Interface	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet
Power	24V AC, 12V DC, PoE(IEEE802.3af)	24V AC, 12V DC, PoE(IEEE802.3af)	24V AC, 12V DC, PoE(IEEE802.3af)	24V AC, 12V DC, PoE(IEEE802.3af)	24V AC, 12V DC, PoE(IEEE802.3af)
Working Environment	-40 C ~ 60 C (-40°F ~ 140°F)	-40 C ~ 60 C (-40°F ~ 140°F)	-40 C ~ 60 C (-40°F ~ 140°F)	-40 C ~ 60 C (-40°F ~ 140°F)	-40 C ~ 60 C (-40°F ~ 140°F)
Ingress Protection	IP66	IP66	IP66	IP66	IP66
Weight	1.2kg(2.6lb)	1.2kg(2.6lb)	1.2kg(2.6lb)	1.2kg(2.6lb)	1.2kg(2.6lb)
Power Consumption	4.5W (IR on: extra 6.5W)	4.5W (IR on: extra 6.5W)	4.5W (IR on: extra 6.5W)	4.5W (IR on: extra 6.5W)	4.5W (IR on: extra 6.5W)
Dimensions	282.6mmx90mm x86mm(11.1" x 3.5" x 3.4")	282.6mmx90mm x86mm(11.1" x 3.5" x 3.4")	282.6mmx90mm x86mm(11.1" x 3.5" x 3.4")	282.6mmx90mm x86mm(11.1" x 3.5" x 3.4")	282.6mmx90mm x86mm(11.1" x 3.5" x 3.4")

Model	IPC242E-IR-Z-IN	IPC241ER5-DL	IPC242ER5-DL	IPC241L-IR-IN	IPC242L-IR-IN
Appearance					
Sensor	1/2.8" / 2MP / CMOS	1/3" / 1.3MP / CMOS	1/2.8" / 2MP / CMOS	1/3" / 1.3MP / CMOS	1/2.8" / 2MP / CMOS
Wide Dynamic Range	Digital WDR	120 dB	120 dB	Digital WDR	Digital WDR
Zoom	Motor Drive	Manual	Manual	Manual	Manual
Lens	Focus/Iris: 3 ~ 10.5mm/F1.4 Angle of View:102.4° ~ 27.4°	Focus/Iris: 7 ~ 22mm/F1.4 Angle of View:38° ~ 12°	Focus/Iris: 7 ~ 22mm/F1.4 Angle of View:43° ~ 14°	Focus/Iris: 2.8~ 12mm/F1.4 Angle of View:90° ~ 28°	Focus/Iris: 3 ~ 10.5mm/F1.4 Angle of View:102.4° ~ 27.4°
IR	Up to 30m (98 ft)	Up to 50m (164 ft)	Up to 50m (164 ft)	Up to 30m (98 ft)	Up to 30m (98 ft)
Video Compression	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG
Frame Rate	1920 × 1080 30fps	1280 × 960 30fps	1920 × 1080 30fps	1280 × 960 30fps	1920 × 1080 30fps
ROI(Region of Interest)	√	√	√	√	√
9:16 Corridor Mode	√	√	√	√	√
Video Streaming	Triple Streams	Triple Streams	Triple Streams	Triple Streams	Triple Streams
Privacy Mask	√	√	√	√	√
Audio Compression	G.711	G.711	G.711	N/A	N/A
Alarm I/O	2 / 1	2 / 1	2 / 1	N/A	N/A
Edge Storage	Up to 64GB	Up to 64GB	Up to 64GB	Up to 64GB	Up to 64GB
Network Interface	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet
Power	24V AC, 12V DC, PoE(IEEE802.3af)	24V AC, 12V DC, PoE(IEEE802.3af)	24V AC, 12V DC, PoE(IEEE802.3af)	24V AC, 12V DC, PoE(IEEE802.3af)	24V AC, 12V DC, PoE(IEEE802.3af)
Working Environment	-40 C ~ 60 C (-40°F ~ 140°F)	-40 C ~ 60 C (-40°F ~ 140°F)	-40 C ~ 60 C (-40°F ~ 140°F)	-40 C ~ 60 C (-40°F ~ 140°F)	-40 C ~ 60 C (-40°F ~ 140°F)
Ingress Protection	IP66	IP66	IP66	IP66	IP66
Weight	1.2kg(2.6lb)	1.2kg(2.6lb)	1.2kg(2.6lb)	1.2kg(2.6lb)	1.2kg(2.6lb)
Power Consumption	4.5W (IR on: extra 6.5W)	4.5W (IR on: extra 6.5W)	4.5W (IR on: extra 6.5W)	4.5W (IR on: extra 6.5W)	4.5W (IR on: extra 6.5W)
Dimensions	282.6mmx90mm x86mm(11.1" x 3.5" x 3.4")	282.6mmx90mm x86mm(11.1" x 3.5" x 3.4")	282.6mmx90mm x86mm(11.1" x 3.5" x 3.4")	282.6mmx90mm x86mm(11.1" x 3.5" x 3.4")	282.6mmx90mm x86mm(11.1" x 3.5" x 3.4")



Model	IPC2321EBR-P	IPC2322EBR-P	IPC2322EBR-DBZ28	IPC2324EBR-DBZ28	IPC221ER-DF36	IPC221E-DIR-F60(120)-IN
Appearance						
Sensor	1/3" / 1.3MP / CMOS	1/2.8" / 2MP / CMOS	1/2.8" / 2MP / CMOS	1/3" / 4MP / CMOS	1/3" / 1.3MP / CMOS	1/3" / 1.3MP / CMOS
Wide Dynamic Range	Digital WDR	Digital WDR	120dB	120dB	120 dB	120 dB
Zoom	Manual	Manual	Motor Drive	Motor Drive	Fixed	Fixed
Lens	Focus/Iris: 2.8 ~ 12mm/F1.4 Angle of View:90° ~ 28°	Focus/Iris: 2.8 ~ 12mm/F1.4 Angle of View:90° ~ 28°	Focus/Iris: 2.8 ~ 12mm/F1.4 Angle of View:90° ~ 28°	Focus/Iris: 2.8 ~ 10mm/F1.4 Angle of View:95° ~ 29°	Focus/Iris: 3.6mm/F1.8 Angle of View:76°	Focus/Iris: 6mm/F1.8, 12mm /F1.6 Angle of View:48° / 26.3°
IR	Up to 30m (98 ft)	Up to 30m (98 ft)	Up to 30m (98 ft)	Up to 30m (98 ft)	Up to 30m (98 ft)	Up to 30m (98 ft)
Video Compression	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG
Frame Rate	1280 × 960 30fps	1920 × 1080 30fps	1920 × 1080 30fps	2688 × 1520 20fps	1280 × 960 30fps	1280 × 960 30fps
ROI(Region of Interest)	√	√	√	√	√	√
9:16 Corridor Mode	√	√	√	√	√	√
Video Streaming	Triple Streams	Triple Streams	Triple Streams	Triple Streams	Triple Streams	Triple Streams
Privacy Mask	√	√	√	√	√	√
Audio Compression	G.711	G.711	G.711	G.711	G.711	G.711
Alarm I/O	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1
Edge Storage	Up to 64GB	Up to 64GB	Up to 64GB	Up to 64GB	N/A	N/A
Network Interface	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet
Power	12V DC, PoE(IEEE 802.3af)	12V DC, PoE(IEEE 802.3af)	12V DC, PoE(IEEE 802.3af)	12V DC, PoE(IEEE 802.3af)	12V DC, PoE(IEEE 802.3af)	12V DC, PoE(IEEE 802.3af)
Working Environment	-35 C ~ 60 C (-31°F ~ 140°F)	-35 C ~ 60 C (-31°F ~ 140°F)	-35 C ~ 60 C (-31°F ~ 140°F)	-35 C ~ 60 C (-31°F ~ 140°F)	-35 C ~ 60 C (-31°F ~ 140°F)	-35 C ~ 60 C (-31°F ~ 140°F)
Ingress Protection	IP66	IP66	IP66	IP66	IP66	IP66
Weight	0.58kg(1.28lb)	0.58kg(1.28lb)	0.58kg(1.28lb)	0.58kg(1.28lb)	0.58kg(1.28lb)	0.58kg(1.28lb)
Power Consumption	3.5W (IR on: extra 2W)	3.5W (IR on: extra 2W)	3.5W (IR on: extra 2W)	3.5W (IR on: extra 2W)	3.5W (IR on: extra 4W)	3.5W (IR on: extra 4W)
Dimensions	253.4mm ×86mm ×71.7mm (9.98" × 3.4" × 2.8")	253.4mm ×86mm ×71.7mm (9.98" × 3.4" × 2.8")	253.4mm ×86mm ×71.7mm (9.98" × 3.4" × 2.8")	253.4mm ×86mm ×71.7mm (9.98" × 3.4" × 2.8")	187.8mm x 76mm x 44mm (7.4"x3.0"x1.7")	187.8mm x 76mm x 44mm (7.4"x3.0"x1.7")



Model	IPC222ER-F36	IPC222E-IR-F60(120)-IN	IPC2211SR3-PF36(60)	IPC2121SR3-PF36(60)(120)	IPC2122SR3-PF36(60)(120)	IPC2124SR3-DPF36(60)(120)
Appearance						
Sensor	1/2.8" / 2MP / CMOS	1/2.8" / 2MP / CMOS	1/3" / 1.3MP / CMOS	1/3" / 1.3MP / CMOS	1/2.8" / 2MP / CMOS	1/3" / 4MP / CMOS
Wide Dynamic Range	Digital WDR	Digital WDR	Digital WDR	Digital WDR	Digital WDR	120dB
Zoom	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed
Lens	Focus/Iris: 3.6mm/F1.8 Angle of View:85°	Focus/Iris: 6mm /F1.8, 12mm / F1.6 Angle of View:53.2° / 28°	Focus/Iris: 3.6mm/F1.8, 6mm/F1.8, 12mm/F1.8 Angle of View:76.7° / 46.9° / 24.2°	Focus/Iris: 3.6mm/F1.8, 6mm/F1.8, 12mm/F1.8 Angle of View:76.7°/46.9°/24.2°	Focus/Iris: 3.6mm/F1.8, 6mm/F1.8, 12mm/F1.8 Angle of View:80.5°/49.9°/25.8°	Focus/Iris: 3.6mm/F1.8, 6mm/F1.8, 12mm/F1.8 Angle of View:90.5°/55°/35°
IR	Up to 30m (98 ft)	Up to 30m (98 ft)	Up to 30m (98 ft)	Up to 30m (98 ft)	Up to 30m (98 ft)	Up to 30m (98 ft)
Video Compression	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG
Frame Rate	1920 × 1080 30fps	1920 × 1080 30fps	1280 × 960 30fps	1280×960 30fps	1920 × 1080 30fps	2688×1520 20fps
ROI(Region of Interest)	√	√	N/A	√	√	√
9:16 Corridor Mode	√	√	N/A	N/A	√	√
Video Streaming	Triple Streams	Triple Streams	Triple Streams	Triple Streams	Triple Streams	Triple Streams
Privacy Mask	√	√	√	√	√	√
Audio Compression	G.711	G.711	N/A	N/A	N/A	N/A
Alarm I/O	1 / 1	1 / 1	N/A	N/A	N/A	N/A
Edge Storage	N/A	N/A	N/A	N/A	N/A	N/A
Network Interface	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet
Power	12V DC, PoE(IEEE 802.3af)	12V DC, PoE(IEEE 802.3af)	12V DC, PoE(IEEE 802.3af)	12V DC, PoE(IEEE 802.3af)	12V DC, PoE(IEEE 802.3af)	12V DC, PoE(IEEE 802.3af)
Working Environment	-35 C ~ 60 C (-31°F ~ 140°F)	-35 C ~ 60 C (-31°F ~ 140°F)	-35 C ~ 60 C (-31°F ~ 140°F)	-35°C ~ 60°C (-31°F ~ 140°F)	-35°C ~ 60°C (-31°F ~ 140°F)	-35°C ~ 60°C (-31°F ~ 140°F)
Ingress Protection	IP66	IP66	IP66	IP66	IP66	IP66
Weight	0.58kg(1.28lb)	0.58kg(1.28lb)	0.26 kg (0.57 lb)	0.45 kg (0.99 lb)	0.45 kg (0.99 lb)	0.45 kg (0.99 lb)
Power Consumption	3.5W (IR on: extra 4W)	3.5W (IR on: extra 4W)	3.5W (IR on: extra 2W)	2.0 W (6.4 W with IR on)	2.0 W (6.4 W with IR on)	2.0 W (6.4 W with IR on)
Dimensions	187.8mm x 76mm x 44mm (7.4"x3.0"x1.7")	187.8mm x 76mm x 44mm (7.4"x3.0"x1.7")	146mm × 82.4mm × 71.7 mm (5.7" × 3.2" × 2.8")	157.3mm × 62.4mm × 63mm (6.2" × 2.5" × 2.5")	157.3mm × 62.4mm × 63mm (6.2" × 2.5" × 2.5")	157.3mm × 62.4mm × 63mm (6.2" × 2.5" × 2.5")

Fixed Dome

Model	IPC321ER-DF28	IPC321E-DIR-F36(60)-IN	IPC322ER-F28	IPC322E-IR-F36(60)-IN	IPC3611SR3-PF28(36)(60)
Appearance					
Sensor	1/3" / 1.3MP / CMOS	1/3" / 1.3MP / CMOS	1/2.8" / 2MP / CMOS	1/2.8" / 2MP / CMOS	1/3" / 1.3MP / CMOS
Wide Dynamic Range	120 dB	120 dB	Digital WDR	Digital WDR	Digital WDR
Zoom	Fixed	Fixed	Fixed	Fixed	Fixed
Lens	Focus/Iris: 2.8mm/F1.8 Angle of View (H): 96.5°	Focus/Iris: 3.6mm/F1.8, 6mm/F1.8 Angle of View (H): 78° / 48°	Focus/Iris: 2.8mm/F1.8 Angle of View (H): 108°	Focus/Iris: 3.6mm/F1.8, 6mm/F1.8 Angle of View (H): 84.7° / 53.2°	Focus/Iris: 2.8mm/F1.8, 3.6mm/F1.8, 6mm/F1.8, Angle of View (H): 99.1° / 76.7°/46.9°
IR	Up to 30 m (98 ft)	Up to 30 m (98 ft)	Up to 30 m (98 ft)	Up to 30 m (98 ft)	Up to 30 m (98 ft)
Video Compression	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG
Frame Rate	1280 × 960 30fps	1280 × 960 30fps	1920 × 1080 30fps	1920 × 1080 30fps	1280 × 960 30fps
ROI(Region of Interest)	√	√	√	√	N/A
9:16 Corridor Mode	N/A	N/A	N/A	N/A	N/A
Video Streaming	Triple Streams	Triple Streams	Triple Streams	Triple Streams	Triple Streams
Privacy Mask	√	√	√	√	√
Audio Compression	G.711	G.711	G.711	G.711	N/A
Alarm I/O	1 / 1	1 / 1	1 / 1	1 / 1	N/A
Edge Storage	N/A	N/A	N/A	N/A	N/A
Network Interface	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet
Power	12V DC, PoE(IEEE 802.3af)	12V DC, PoE(IEEE 802.3af)	12V DC, PoE(IEEE 802.3af)	12V DC, PoE(IEEE 802.3af)	12V DC, PoE(IEEE 802.3af)
Working Environment	-35 C ~ 60 C (-31°F ~ 140°F)	-35 C ~ 60 C (-31°F ~ 140°F)	-35 C ~ 60 C (-31°F ~ 140°F)	-35 C ~ 60 C (-31°F ~ 140°F)	-35 C ~ 60 C (-31°F ~ 140°F)
Ingress Protection	IP66	IP66	IP66	IP66	IP66
Vandal Resistant	IK10	IK10	IK10	IK10	N/A
Weight	0.45 kg (1.0 lb)	0.45kg (0.99lb)	0.45 kg (1.0 lb)	0.45kg (0.99lb)	0.33 kg (0.73 lb)
Power Consumption	3.5 W (IR on: extra 2 W)	3.5W(IR on: extra 2W)	3.5 W (IR on: extra 2 W)	3.5W(IR on: extra 2W)	3.5 W (IR on: extra 2 W)
Dimensions	Φ109mm x 81mm (Φ4.3" x 3.2")	Φ109mm x 81mm(Φ4.3"x3.2")	Φ109mm x 81mm (Φ4.3" x 3.2")	Φ109mm x 81mm(Φ4.3"x3.2")	Φ126mm x 94 mm (Φ5.0" x 3.7")



Model	IPC3612SR3-PF28(36)(60)	IPC3611ER3-PF28(36)(60)	IPC3612ER3-PF28(36)(60)	IPC341E-DLVIR-IN	IPC342E-DLVIR-IN	IPC341E-VIR-Z-IN
Appearance						
Sensor	1/3" / 2MP / CMOS	1/3" / 1.3MP / CMOS	1/2.8" / 2MP / CMOS	1/3" / 1.3MP / CMOS	1/2.8" / 2MP / CMOS	1/3" / 1.3MP / CMOS
Wide Dynamic Range	Digital WDR	Digital WDR	Digital WDR	120dB	120 dB	Digital WDR
Zoom	Fixed	Fixed	Fixed	Manual	Manual	Motor Drive
Lens	Focus/Iris: 2.8mm/F1.8, 3.6mm/F1.8, 6mm/F1.8 Angle of View (H): 99.1° / 76.7° / 46.9°	Focus/Iris: 2.8mm/F1.8, 3.6mm/F1.8, 6mm/F1.8 Angle of View (H): 99.1° / 76.7° / 46.9°	Focus/Iris: 2.8mm/F1.8, 3.6mm/F1.8, 6mm/F1.8 Angle of View (H): 103° / 80.5° / 49.9°	Focus/Iris: 3 ~ 10.5mm/F1.4 Angle of View (H): 91.2° ~ 25.5°	Focus/Iris: 3 ~ 10.5mm/F1.4 Angle of View (H): 102.4° ~ 27.4°	Focus/Iris: 2.8~ 12mm/F1.4 Angle of View (H): 90° ~ 28°
IR	Up to 30 m (98 ft)	Up to 30 m (98 ft)	Up to 30 m (98 ft)	Up to 30 m (98 ft)	Up to 30 m (98 ft)	Up to 30 m (98 ft)
Video Compression	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG
Frame Rate	1920 × 1080 30fps	1280 × 960 30fps	1920 × 1080 30fps	1280 × 960 30fps	1920 × 1080 30fps	1280 × 960 30fps
ROI(Region of Interest)	N/A	N/A	N/A	√	√	√
9:16 Corridor Mode	√	N/A	√	√	√	√
Video Streaming	Triple Streams	Triple Streams	Triple Streams	Triple Streams	Triple Streams	Triple Streams
Privacy Mask	√	√	√	√	√	√
Audio Compression	N/A	N/A	N/A	G.711	G.711	G.711
Alarm I/O	N/A	N/A	N/A	2 / 1	2 / 1	2 / 1
Edge Storage	N/A	N/A	N/A	Up to 64GB	Up to 64GB	Up to 64GB
Network Interface	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet
Power	12V DC, PoE(IEEE 802.3af)	12V DC, PoE(IEEE 802.3af)	12V DC, PoE(IEEE 802.3af)	12V DC, PoE(IEEE 802.3af)	12V DC, PoE(IEEE 802.3af)	12V DC, PoE(IEEE 802.3af)
Working Environment	-35 C ~ 60 C (-31°F ~ 140°F)	-35 C ~ 60 C (-31°F ~ 140°F)	-35 C ~ 60 C (-31°F ~ 140°F)	-35 C ~ 60 C (-31°F ~ 140°F)	-35 C ~ 60 C (-31°F ~ 140°F)	-35 C ~ 60 C (-31°F ~ 140°F)
Ingress Protection	IP66	IP66	IP66	IP66	IP66	IP66
Vandal Resistant	N/A	N/A	N/A	IK10	IK10	IK10
Weight	0.33 kg (0.73 lb)	0.33 kg (0.73 lb)	0.33 kg (0.73 lb)	0.75kg(1.7lb)	0.75kg(1.7lb)	0.75kg(1.7lb)
Power Consumption	3.5 W (IR on: extra 2 W)	3.5 W (IR on: extra 2 W)	3.5 W (IR on: extra 2 W)	4.5W(IR on:extra 4.2W)	4.5W(IR on:extra 4.2W)	4.5W(IR on:extra 4.2W)
Dimensions	Φ126mm x 94mm (Φ5.0" x 3.7")	Φ126mm x 94 mm (Φ5.0" x 3.7")	Φ126mm x 94 mm (Φ5.0" x 3.7")	Φ149mmx105mm (Φ5.9" x 4.1")	Φ149mmx105mm (Φ5.9" x 4.1")	Φ149mmx105mm (Φ5.9" x 4.1")



Model	IPC342E-VIR-Z-IN	IPC341LR-V	IPC342LR-V	IPC3231ER-VS
Appearance				
Sensor	1/2.8" / 2MP / CMOS	1/3" / 1.3MP / CMOS	1/2.8" / 2MP / CMOS	1/3"/1.3MP/CMOS
Wide Dynamic Range	Digital WDR	Digital WDR	Digital WDR	Digital WDR
Zoom	Motor Drive	Manual	Manual	Manual
Lens	Focus/Iris: 3 ~ 10.5mm/F1.4 Angle of View (H): 102.4° ~ 27.4°	Focus/Iris: 2.8 ~ 12mm/F1.4 Angle of View (H): 90°~28°	Focus/Iris: 2.8 ~ 12mm/F1.4 Angle of View (H): 103°~30.8°	Focus/Iris: 2.8~12 mm/F1.4 Angle of View (H): 90.0° ~28°
IR	Up to 30 m (98 ft)	Up to 30 m (98 ft)	Up to 30 m (98 ft)	Up to 30 m (98 ft)
Video Compression	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG
Frame Rate	1920 × 1080 30fps	1280 × 960 30fps	1920 × 1080 30fps	1280 × 960 30fps
ROI(Region of Interest)	√	√	√	√
9:16 Corridor Mode	√	√	√	√
Video Streaming	Triple Streams	Triple Streams	Triple Streams	Triple Streams
Privacy Mask	√	√	√	√
Audio Compression	G.711	G.711	G.711	N/A
Alarm I/O	2 / 1	1 / 1	1 / 1	N/A
Edge Storage	Up to 64GB	Up to 64GB	Up to 64GB	N/A
Network Interface	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet
Power	12V DC, PoE(IEEE 802.3af)	12V DC, PoE(IEEE 802.3af)	12V DC, PoE(IEEE 802.3af)	12V DC , PoE(IEEE 802.3af)
Working Environment	-35°C ~ 60°C (-31°F ~ 140°F)	-35°C ~ 60°C (-31°F ~ 140°F)	-35°C ~ 60°C (-31°F ~ 140°F)	-40°C ~ 60°C (-40°F ~ 140°F)
Ingress Protection	IP66	IP66	IP66	IP66
Vandal Resistant	IK10	IK10	IK10	IK10
Weight	0.75kg(1.7lb)	0.75kg(1.7lb)	0.75kg(1.7lb)	0.75 kg (1.7 lb)
Power Consumption	4.5W(IR on: extra 4.2W)	3.5 W (IR on: extra 2 W)	3.5 W (IR on: extra 2 W)	max.6.6 W (PoE : max.7.2 W)
Dimensions	Φ149mm x 105mm (Φ5.9" x 4.1")	Φ149mm x 105mm (Φ5.9" x 4.1")	Φ149mm x 105mm (Φ5.9" x 4.1")	Φ148mm x 111.3 mm (Φ5.8" x 4.4")



Model	IPC3232ER-VS	IPC3232ER-DV	IPC3232ER-DVZ28	IPC3234SR-DV	IPC3234SR-DVZ28
Appearance					
Sensor	1/2.8"/2MP/CMOS	1/2.8"/2MP/CMOS	1/2.8"/2MP/CMOS	1/3"/4MP/CMOS	1/3"/4MP/CMOS
Wide Dynamic Range	Digital WDR	120dB	120dB	120dB	120dB
Zoom	Manual	Manual	Motor Drive	Manual	Motor Drive
Lens	Focus/Iris: 2.8~12 mm/F1.4 Angle of View (H): 100.0°~30°	Focus/Iris: 2.8~12 mm/F1.4 Angle of View (H): 100.0°~30°	Focus/Iris: 2.8~12 mm/F1.4 Angle of View (H): 100.0°~30°	Focus/Iris: 2.8~10 mm/F1.4 Angle of View (H): 105.0°~30°	Focus/Iris: 2.8~10 mm/F1.4 Angle of View (H): 105.0°~30°
IR	Up to 30 m (98 ft)	Up to 30 m (98 ft)	Up to 30 m (98 ft)	Up to 30 m (98 ft)	Up to 30 m (98 ft)
Video Compression	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG
Frame Rate	1920 × 1080 30fps	1920 × 1080 30fps	1920 × 1080 30fps	2688 × 1520 20fps	2688 × 1520 20fps
ROI(Region of Interest)	√	√	√	√	√
9:16 Corridor Mode	√	√	√	√	√
Video Streaming	Triple Streams	Triple Streams	Triple Streams	Triple Streams	Triple Streams
Privacy Mask	√	√	√	√	√
Audio Compression	N/A	G.711	G.711	G.711	G.711
Alarm I/O	N/A	1/1	1/1	1/1	1/1
Edge Storage	N/A	UP to 64GB	UP to 64GB	UP to 64GB	UP to 64GB
Network Interface	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet
Power	12V DC , PoE(IEEE 802.3af)	12V DC , PoE(IEEE 802.3af)	12V DC , PoE(IEEE 802.3af)	12V DC , PoE(IEEE 802.3af)	12V DC , PoE(IEEE 802.3af)
Working Environment	-40°C ~ 60°C (-40°F ~ 140°F)	-40°C ~ 60°C (-40°F ~ 140°F)	-40°C ~ 60°C (-40°F ~ 140°F)	-40°C ~ 60°C (-40°F ~ 140°F)	-40°C ~ 60°C (-40°F ~ 140°F)
Ingress Protection	IP66	IP66	IP66	IP66	IP66
Vandal Resistant	IK10	IK10	IK10	IK10	IK10
Weight	0.75 kg (1.7 lb)	0.75 kg (1.7 lb)	0.75 kg (1.7 lb)	0.75 kg (1.7 lb)	0.75 kg (1.7 lb)
Power Consumption	max.6.6 W (PoE : max.7.2 W)	max.6.6 W (PoE : max.7.2 W)	max.6.6 W (PoE : max.7.2 W)	max.6.6 W (PoE : max.7.2 W)	max.6.6 W (PoE : max.7.2 W)
Dimensions	Φ148mm x 111.3mm (Φ5.8" x 4.4")	Φ148mm x 111.3mm (Φ5.8" x 4.4")	Φ148mm x 111.3mm (Φ5.8" x 4.4")	Φ148mm x 111.3mm (Φ5.8" x 4.4")	Φ148mm x 111.3mm (Φ5.8" x 4.4")

PTZ Dome

Model	IPC641E-X22I-IN	IPC642E-X22I-IN	IPC641E-X22-IN	IPC642E-X22-IN	IPC641E-X30N
Appearance					
Sensor	1/3" / 1.3MP / CMOS	1/2.8" / 2MP / CMOS	1/3" / 1.3MP / CMOS	1/2.8" / 2MP / CMOS	1/3" / 1.3MP / CMOS
Lens	Focus: 4.7~103 mm , Iris: F1.6~F3.2 Angle of View (H): 59.7°~3.1°	Focus: 4.7~103 mm , Iris: F1.6~F3.2 Angle of View (H): 59.7°~3.4°	Focus: 4.7~103 mm , Iris: F1.6~F3.2 Angle of View (H): 59.7°~3.1°	Focus: 4.7~103 mm , Iris: F1.6~F3.2 Angle of View (H): 61.9°~3.2°	Focus: 4.5~135 mm , Iris: F1.4~F4.8 Angle of View (H): 61.5°~2.1°
Optical Zoom	22X	22X	22X	22X	30X
Pan Range	360°	360°	360°	360°	360°
Pan Speed	0.1°/s ~ 400°/s	0.1°/s ~ 400°/s	0.1°/s ~ 400°/s	0.1°/s ~ 400°/s	0.1°/s ~ 400°/s
Tilt Range	-1° ~ 90°	-1° ~ 90°	-1° ~ 90°	-1° ~ 90°	-20° ~ 90°
Tilt Speed	0.1° ~ 240°/s	0.1° ~ 240°/s	0.1°/s ~ 240°/s	0.1°/s ~ 240°/s	0.1° ~ 240°/s
IR	N/A	N/A	N/A	N/A	N/A
Video Compression	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG
Frame Rate	1280×960 30fps	1920 × 1080 30fps	1280 × 960 30fps	1920 × 1080 30fps	1280 × 960 30fps
Video Streaming	Triple Streams	Triple Streams	Triple Streams	Triple Streams	Triple Streams
Privacy Mask	√	√	√	√	√
Patrol	√	√	√	√	√
Preset	255	255	255	255	255
Audio Compression	G.711	G.711	G.711	G.711	G.711
Alarm I/O	2 / 1	2 / 1	2 / 1	2 / 1	2 / 1
Edge Storage	Up to 64GB	Up to 64GB	Up to 64GB	Up to 64GB	Up to 64GB
Network Interface	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	Default: 10M/100M Base-TX Ethernet	Default: 10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet
Power	24 V AC, 24 V DC , PoE(IEEE802.3at)	24 V AC, 24 V DC , PoE(IEEE802.3at)	24 V AC, 24 V DC	24 V AC, 24 V DC	24 V AC, 24 V DC
Ingress Protection	N/A	N/A	IP67	IP67	IP67
Working Environment	-20°C ~ 50°C (-4°F ~ 122°F)	-20°C ~ 50°C (-4°F ~ 122°F)	-40°C ~ 70°C (-40°F ~ 158°F)	-40°C ~ 70°C (-40°F ~ 158°F)	-40°C ~ 70°C (-40°F ~ 158°F)
Weight	3.2 kg (7.1 lb)	3.2 kg (7.1 lb)	4.2kg(9.3lb)	4.2kg(9.3lb)	4.2 kg (9.3 lb)
Power Consumption	9 ~ 13 W	9 ~ 13 W	9 ~ 33W	9 ~ 33W	9 ~ 33 W
Dimensions	Φ195mm x 263mm (Φ7.7" x 10.4")	Φ195mm x 263mm (Φ7.7" x 10.4")	Φ218mm x 298mm(Φ8.6" x 11.7")	Φ218mm x 298mm(Φ8.6" x 11.7")	Φ218mm x 298mm (Φ8.6" x 11.7")

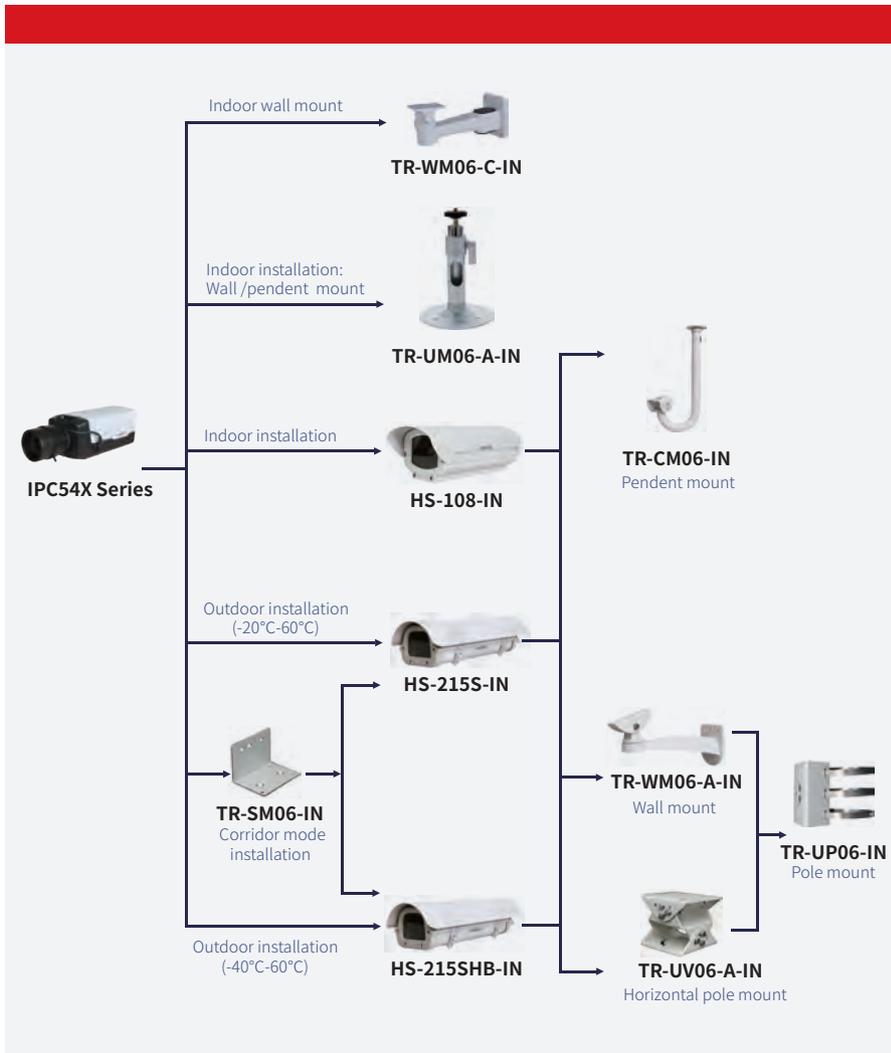
Model	IPC642E-X30N	IPC6221LR-X20S(P)	IPC6221ER-X20(P)	IPC6222ER-X20(P)	IPC6221ER-X30(P)
Appearance					
Sensor	1/2.8" / 2MP / CMOS	1/3" / 1.3MP / CMOS	1/3" / 1.3MP / CMOS	1/2.8" / 2MP / CMOS	1/3" / 1.3MP / CMOS
Lens	Focus: 4.5-135 mm , Iris: F1.4-F4.8 Angle of View (H): 62.9°~2.3°	Focus: 4.7-94 mm , Iris: F1.6-F3.3 Angle of View (H): 59.7°~3.8°	Focus: 4.7-94 mm , Iris: F1.6-F3.3 Angle of View (H): 59.7°~3.8°	Focus: 4.7-94 mm , Iris: F1.6-F3.3 Angle of View (H): 61.9°~3.5°	Focus: 4.5-135 mm , Iris: F1.6-F4.8 Angle of View (H): 61.5°~2.1°
Optical Zoom	30X	20X	20X	20X	30X
Pan Range	360°	360°	360°	360°	360°
Pan Speed	0.1°/s ~ 400°/s	0.1°/s ~ 240°/s	0.1°/s ~ 240°/s	0.1°/s~240°/s	0.1°/s~240°/s
Tilt Range	-20° ~ 90°	-15° ~ 90°	-15° ~ 90°	-15° ~ 90°	-15° ~ 90°
Tilt Speed	0.1° ~ 240°/s	0.1° ~ 160°/s	0.1°/s~160°/s	0.1°/s~160°/s	0.1°/s~160°/s
IR	N/A	Up to 100 m (328 ft)	Up to 100 m (328 ft)	Up to 100 m (328 ft)	Up to 100 m (328 ft)
Video Compression	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG
Frame Rate	1920 × 1080 30fps	1280×960 30fps	1280 × 960 30fps	1920 × 1080 30fps	1280 × 960 30fps
Video Streaming	Triple Streams	Triple Streams	Triple Streams	Triple Streams	Triple Streams
Privacy Mask	√	√	√	√	√
Patrol	√	√	√	√	√
Preset	255	255	255	255	255
Audio Compression	G.711	N/A	G.711	G.711	G.711
Alarm I/O	2 / 1	N/A	1 / 1	1 / 1	1 / 1
Edge Storage	Up to 64GB	N/A	Up to 64GB	Up to 64GB	Up to 64GB
Network Interface	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet
Power	24 V AC, 24 V DC	24 V AC, 24 V DC (PoE)	24 V AC, 24 V DC (PoE)	24 V AC, 24 V DC (PoE)	24 V AC, 24 V DC (PoE)
Ingress Protection	IP67	IP66	IP66	IP66	IP66
Working Environment	-40°C ~ 70°C (-40°F ~ 158°F)	-40°C ~ 65°C (-40°F ~ 149°F)	-40°C ~ 65°C (-40°F ~ 149°F)	-40°C ~ 65°C (-40°F ~ 149°F)	-40°C ~ 65°C (-40°F ~ 149°F)
Weight	4.2 kg (9.3 lb)	5.28 kg (11.6 lb)	5.28 kg (11.6 lb)	5.28 kg (11.6 lb)	5.28 kg (11.6 lb)
Power Consumption	9 ~ 33 W	9 ~ 42W	9 ~ 42 W	9 ~ 42 W	9 ~ 42 W
Dimensions	Φ218mm x 298mm (Φ8.6" x 11.7")	Φ227mm x 359.4mm (Φ8.9" x 14.2")	Φ227mm × 359.4mm(Φ8.9" x 14.2")	Φ227mm × 359.4mm(Φ8.9" x 14.2")	Φ227mm × 359.4mm(Φ8.9" x 14.2")

Model	IPC6222ER-X30(P)	IPC6241SR-X22	IPC6242SR-X22	IPC6241SR-X30	IPC6242SR-X30
Appearance					
Sensor	1/2.8" / 2MP / CMOS	1/3" / 1.3MP / CMOS	1/2.8" / 2MP / CMOS	1/3" / 1.3MP / CMOS	1/2.8" / 2MP / CMOS
Lens	Focus: 4.5~135 mm , Iris: F1.6~F4.8 Angle of View (H): 62.9°~2.3°	Focus: 4.7~103 mm , Iris: F1.6~F3.2 Angle of View (H): 59.7°~3.1°	Focus: 4.7~103 mm , Iris: F1.6~F3.2 Angle of View (H): 61.9°~3.4°	Focus: 4.5~135 mm , Iris: F1.6~F4.8 Angle of View (H): 61.5°~2.1°	Focus: 4.5~135 mm , Iris: F1.6~F4.8 Angle of View (H): 62.9°~2.3°
Optical Zoom	30X	22X	22X	30X	30X
Pan Range	360°	360°	360°	360°	360°
Pan Speed	0.1°/s~240°/s	0.1°/s~240°/s	0.1°/s~240°/s	0.1°/s ~ 240°/s	0.1°/s ~ 240°/s
Tilt Range	-15° ~ 90°	-15° ~ 90°	-15° ~ 90°	-15° ~ 90°	-15° ~ 90°
Tilt Speed	0.1°/s~160°/s	0.1°/s~160°/s	0.1°/s~160°/s	0.1° ~ 160°/s	0.1° ~ 160°/s
IR	Up to 100 m (328 ft)	Up to 150 m (492 ft)	Up to 150 m (492 ft)	Up to 150 m (492 ft)	Up to 150 m (492 ft)
Video Compression	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG
Frame Rate	1920 × 1080 30fps	1280 × 960 30fps	1920 × 1080 30fps	1280×960 30fps	1920 × 1080 30fps
Video Streaming	Triple Streams	Triple Streams	Triple Streams	Triple Streams	Triple Streams
Privacy Mask	√	√	√	√	√
Patrol	√	√	√	√	√
Preset	255	255	255	255	255
Audio Compression	G.711	G.711	G.711	G.711	G.711
Alarm I/O	1 / 1	2 / 1	2 / 1	2 / 1	2 / 1
Edge Storage	Up to 64GB	Up to 64GB	Up to 64GB	Up to 64GB	Up to 64GB
Network Interface	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet
Power	24 V AC, 24 V DC (PoE)	24 V AC, 24 V DC	24 V AC, 24 V DC	24 V AC, 24 V DC	24 V AC, 24 V DC
Ingress Protection	IP66	IP66	IP66	IP66	IP66
Working Environment	-40 C ~ 65 C (-40°F ~ 149°F)	-40 C ~ 70 C (-40°F ~ 158°F)	-40 C ~ 70 C (-40°F ~ 158°F)	-40°C ~ 70°C (-40°F ~ 158°F)	-40°C ~ 70°C (-40°F ~ 158°F)
Weight	5.28 kg (11.6 lb)	5.4 kg (11.9 lb)	5.4 kg (11.9 lb)	5.4 kg (11.9 lb)	5.4 kg (11.9 lb)
Power Consumption	9 ~ 42 W	8 ~ 52.5 W	8 ~ 52.5 W	8 ~ 52.5 W	8 ~ 52.5 W
Dimensions	Φ227mm×359.4mm(Φ8.9" x 14.2")	Φ227mm×359.4mm(Φ8.9" x 14.2")	Φ227mm×359.4mm(Φ8.9" x 14.2")	Φ227mm x 359.4mm (Φ8.9" x 14.2")	Φ227mm x 359.4mm (Φ8.9" x 14.2")

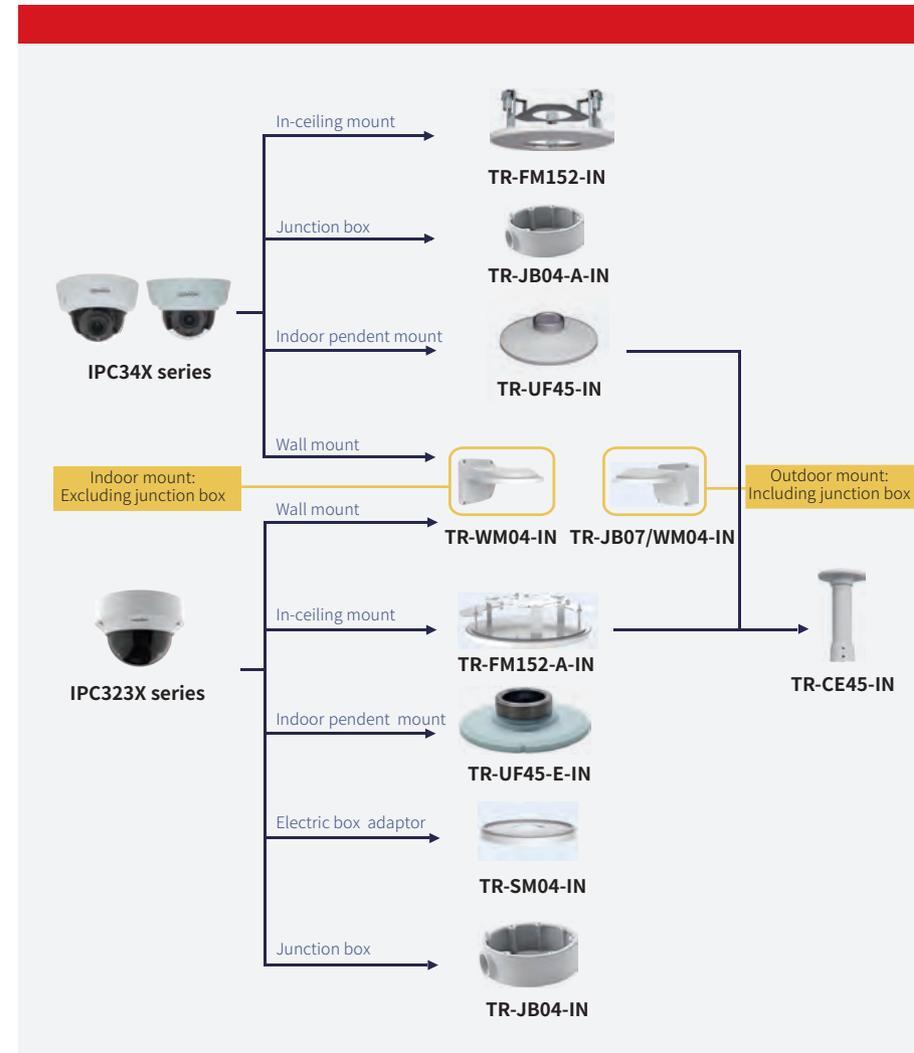
Model	IPC6242SL-X22	IPC6242SR-X22U	IPC6242SWH-X22U	IPC6242SFW-X22U	IPC6248SR-X22
Appearance					
Sensor	1/2.8" / 2MP / CMOS	1/1.9" / 2MP / CMOS	1/1.9" / 2MP / CMOS	1/1.9" / 2MP / CMOS	1/1.7" / 12MP / CMOS
Lens	Focus: 4.7~103 mm , Iris: F1.6~F3.2 Angle of View (H): 61.9°~3.4°	Focus: 6.5~143 mm , Iris: F1.5~F3.4 Angle of View (H): 70°~3.76°	Focus: 6.5~143 mm , Iris: F1.5~F3.4 Angle of View (H): 70°~3.76°	Focus: 6.5~143 mm , Iris: F1.5~F3.4 Angle of View (H): 70°~3.76°	Focus: 6.5~143 mm , Iris: F1.5~F3.4 Angle of View (H): 81°~4.2°
Optical Zoom	22X	22X	22X	22X	22X
Pan Range	360°	360°	360°	360°	360°
Pan Speed	0.1°/s~240°/s	0.1°/s ~ 240°/s	0.1°/s ~ 240°/s	0.1°/s ~ 240°/s	0.1°/s ~ 240°/s
Tilt Range	-15° ~ 90°	-15° ~ 90°	-15° ~ 90°	-15° ~ 90°	-15° ~ 90°
Tilt Speed	0.1°/s~160°/s	0.1° ~ 160°/s	0.1° ~ 160°/s	0.1° ~ 160°/s	0.1° ~ 160°/s
IR	Up to 500 m (1640 ft)	Up to 150 m (492 ft)	<30m White Light	<30m White Light, 30~150m IR	Up to 150 m (492 ft)
Video Compression	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG
Frame Rate	1920×1080 30fps	1920 × 1080 60fps	1920 × 1080 60fps	1920 × 1080 60fps	4000×3000 20fps/3840×2160 30fps
Video Streaming	Triple Streams	Triple Streams	Triple Streams	Triple Streams	Triple Streams
Privacy Mask	√	√	√	√	√
Patrol	√	√	√	√	√
Preset	255	255	255	255	255
Audio Compression	G.711	G.711	G.711	G.711	G.711
Alarm I/O	2 / 1	2 / 1	2 / 1	2 / 1	2 / 1
Edge Storage	Up to 64GB	Up to 64GB	Up to 64GB	Up to 64GB	Up to 64GB
Network Interface	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet
Power	24 V AC, 24 V DC	24 V AC, 24 V DC	24 V AC, 24 V DC	24 V AC, 24 V DC	24 V AC, 24 V DC
Ingress Protection	IP66	IP66	IP66	IP66	IP66
Working Environment	-40°C ~ 70°C (-40°F ~ 158°F)	-40°C ~ 70°C (-40°F ~ 158°F)	-40°C ~ 70°C (-40°F ~ 158°F)	-40°C ~ 70°C (-40°F ~ 158°F)	-40°C ~ 70°C (-40°F ~ 158°F)
Weight	5.6 kg (12.3 lb)	5.5 kg (12.1 lb)	5.5kg (12.1 lb)	5.5kg (12.1 lb)	5.5kg (12.1 lb)
Power Consumption	8~45 W	12 ~46W	12 ~ 46W	12 ~ 46W	14 ~ 48W
Dimensions	Φ227mm x 359.4mm(Φ8.9" x 14.2")	Φ227mm x 359.4mm (Φ8.9" x 14.2")	Φ227mm x 359.4mm (Φ8.9" x 14.2")	Φ227mm x 359.4mm (Φ8.9" x 14.2")	Φ227mm×359.4mm(Φ8.9" x 14.2")

ACCESSORIES

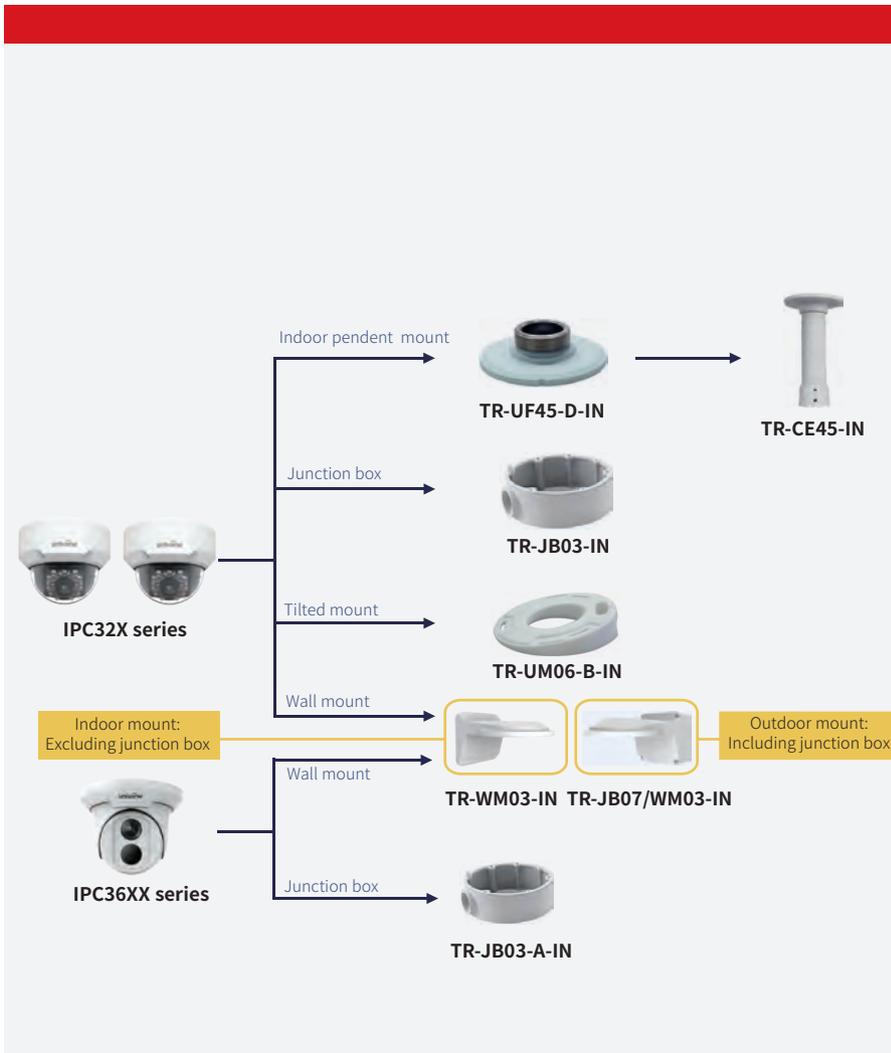
Box Camera Mount



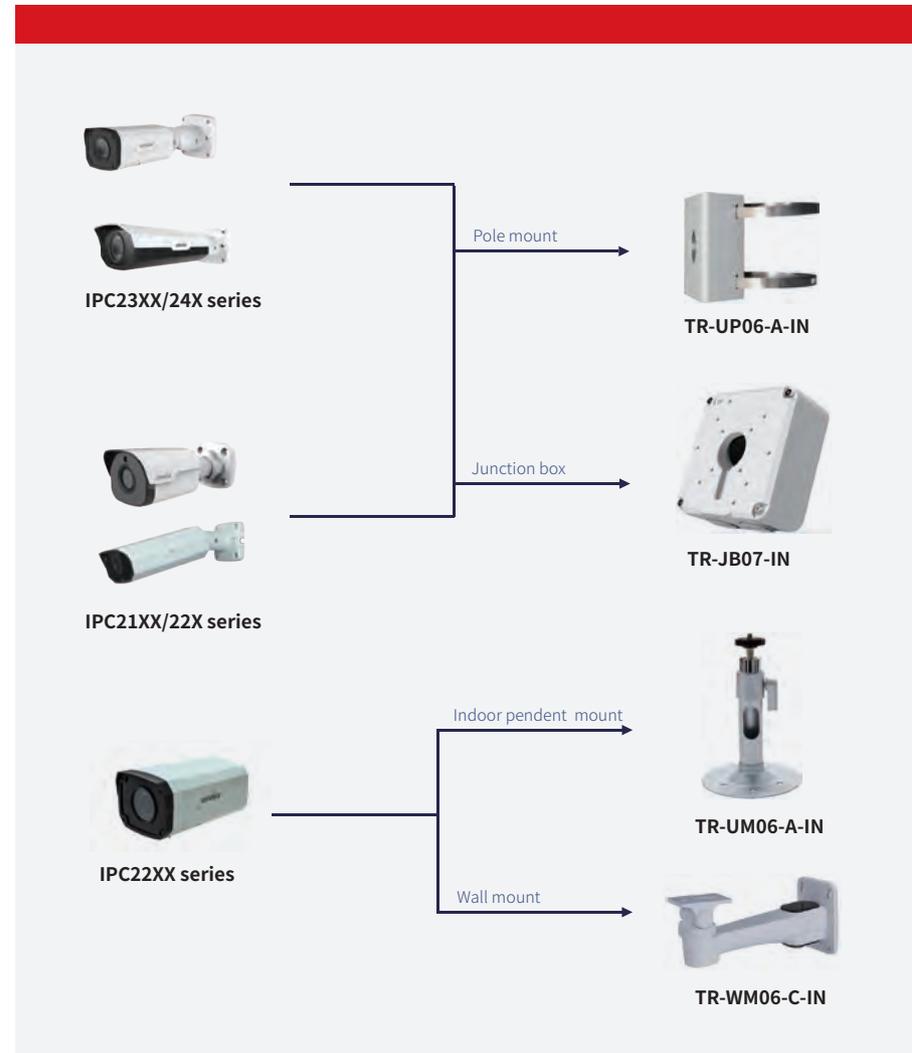
Fixed Dome Camera Mount



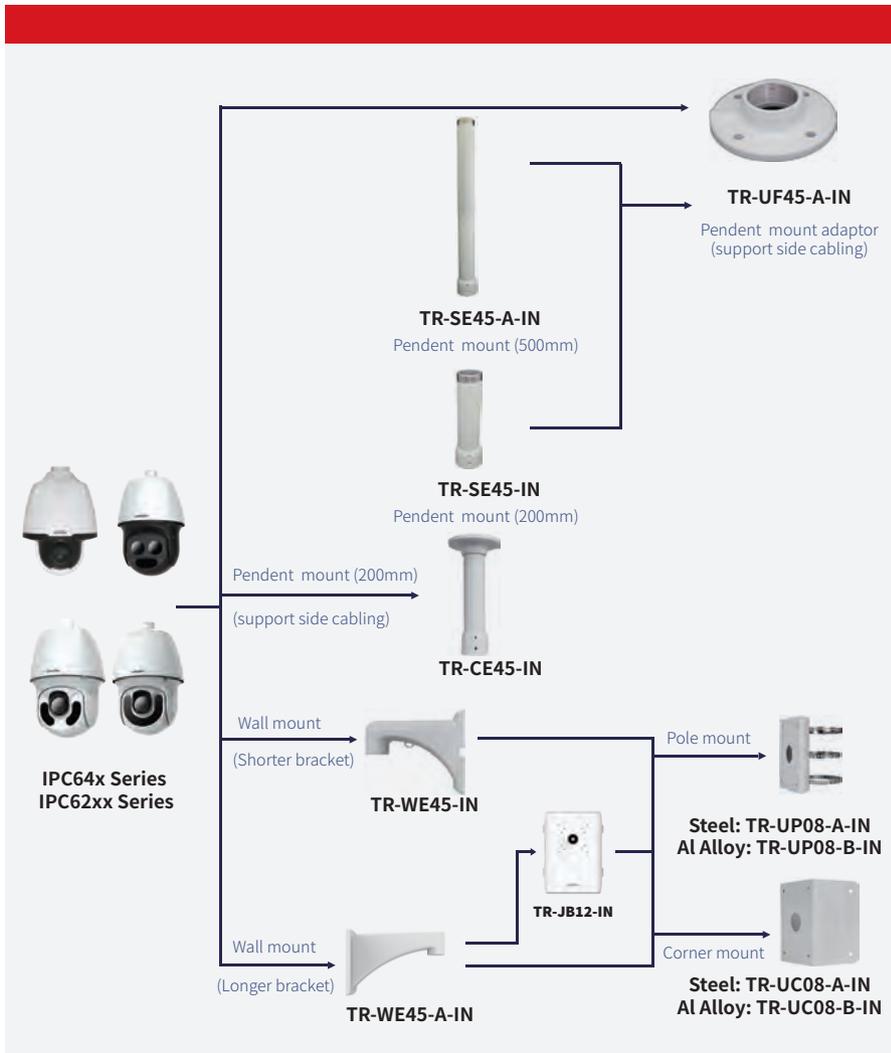
Fixed Dome Camera Mount



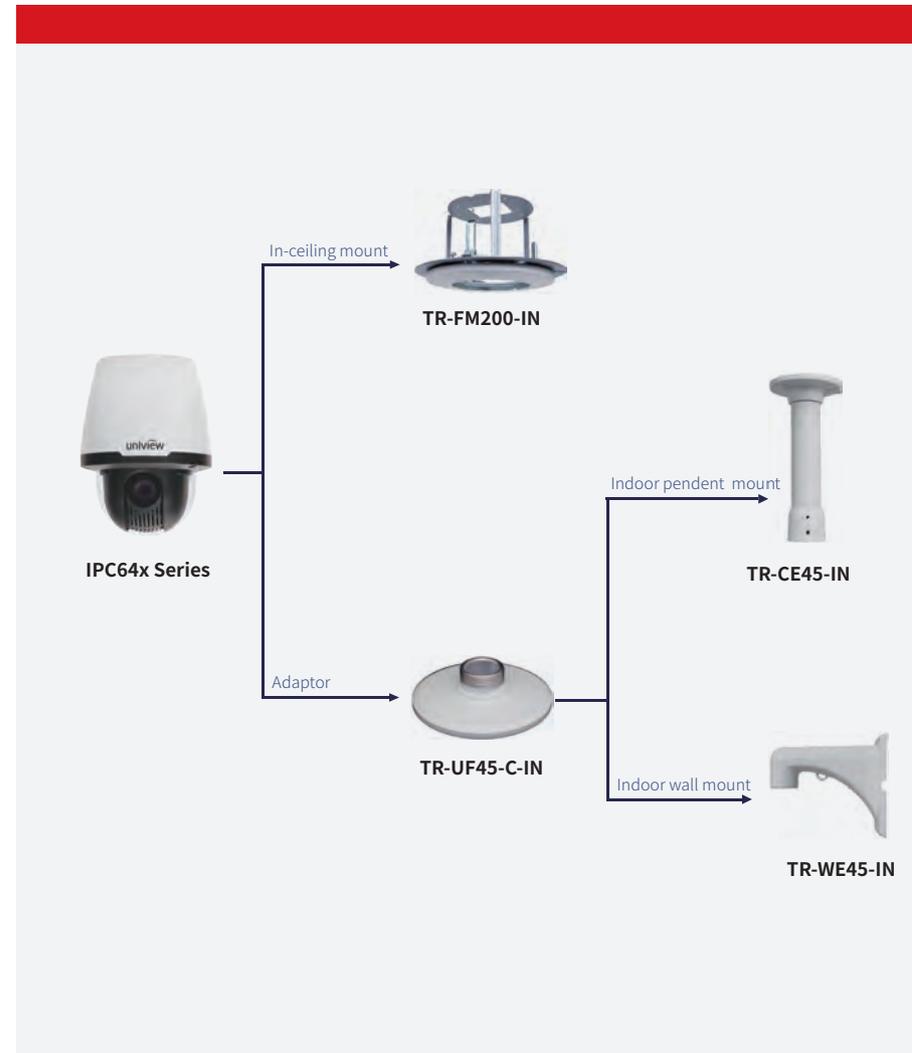
Bullet Camera Mount



Outdoor PTZ Camera Mount



Indoor PTZ Camera Mount



BACK-END PRODUCT FEATURES



Fanless design

Uniview NVR201 and NVR202, with or without PoE, all with fanless design. No noise made any more.



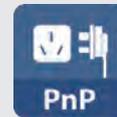
PoE+

802.3at Standard, up to 25.5W for each port.



Touch panel

First company to introduce touch panel into NVR, easy to use, water-proof and dust-proof, much more longer working life.



Plug & Play

Just plug-in the IP camera and watch the video instantly.



USB 3.0

Higher data download speed than USB2.0, 1 hour video backup takes only 5 minutes compare to 1 hour by USB2.0.



Corridor mode

Support corridor mode IP camera, 3/5/7 split display mode available



SATA 3.0

Up to 6Gb/s to ensure fluent preview and playback, high reliability on video recording.



Non pre-formatting HDD

Storage with block data, no disk fragmentation, no pre-formatting needed, much higher efficiency and easier to use.



Hard disk roaming

Move the hard disk from one NVR to another, playback the video from the hard disk directly



Cloud upgrade

Upgrade your NVR directly from internet, Uniview will always provide the latest firmware to you.



Higher anti-hacker protection

Linux based, password modification prompt and password strength evaluation, https transmission, telnet default disabled, to protect your NVR from hacker 360°.



Smart search

Smartly help you to find the video clip you want from the numerous video recordings quickly.



Dual network interfaces

Dual RJ45 Ethernet port to get higher stability and flexibility with multi-address mode, load balance mode, fault-tolerant mode.



IPC upgrade on NVR

Don't need to upgrade the firmware of IP camera on your PC, just do it on your NVR



P2P cloud service

Uniview provide the P2P cloud service, to make you very easy to access your NVR on your smart phone or webpage remotely at any place.



NVR

Model		NVR201-04L	NVR201-08L	NVR201-04LP	NVR201-08LP	NVR201-04E	NVR201-08E
Appearance							
Video/Audio Input	IP Video Input	4-ch	8-ch	4-ch	8-ch	4-ch	8-ch
	Input Bandwidth	32 Mbps	64 Mbps	32 Mbps	64 Mbps	32 Mbps	64 Mbps
	Audio Input	1-ch	1-ch	1-ch	1-ch	1-ch	1-ch
Video/Audio Output	HDMI	1	1	1	1	1	1
	VGA	1	1	1	1	1	1
	Audio Output	1-ch, RCA	1-ch, RCA	1-ch, RCA	1-ch, RCA	1-ch, RCA	1-ch, RCA
	Outgoing Bandwidth	64 Mbps	64 Mbps	64Mbps	64Mbps	96Mbps	96Mbps
	Decoding Capability	18-ch@D1, 9-ch@720P, 4-ch@1080P	18-ch@D1, 9-ch@720P, 4-ch@1080P	18-ch@D1, 9-ch@720P, 4-ch@1080P	32-ch@D1, 16-ch@720P, 6-ch@1080P	18-ch@D1, 9-ch@720P, 4-ch@1080P	18-ch@D1, 9-ch@720P, 4-ch@1080P
Storage	HDD	1 SATA interface	1 SATA interface	1 SATA interface	1 SATA interface	1 SATA interface	1 SATA interface
External Interface	Network Interface	1 x RJ-45 100M	1 x RJ-45 100M	1 x RJ-45 100M	1 x RJ-45 100M	1 x RJ-45 100M	1 x RJ-45 100M
	PoE	N/A	N/A	4 x PoE+	8 x PoE+	N/A	N/A
	Serial Interface	N/A	N/A	N/A	N/A	N/A	N/A
	USB Interface	1 x USB 2.0, 1 x USB 3.0	1 x USB 2.0, 1 x USB 3.0	1 x USB 2.0, 1 x USB 3.0	1 x USB 2.0, 1 x USB 3.0	1 x USB 2.0, 1 x USB 3.0	1 x USB 2.0, 1 x USB 3.0
	Alarm I/O	N/A	N/A	N/A	N/A	N/A	N/A
Other	Power Supply	12V DC, 2A	12V DC, 2A	48V DC, 1.25A	52V DC, 1.8A	12V DC, 2A	12V DC, 2A
	Power Consumption	≤4W (without HDD)	≤4W (without HDD)	≤8W (without HDD and PoE)	≤8W (without HDD and PoE)	≤8W (without HDD)	≤8W (without HDD)
	Working Environment	-10°C ~ 55°C (14°F ~ +131°F) 10% ~ 90% RH	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH
	Dimensions(H×W×D)	205.0mm ×205.0mm × 41.8mm (8.1" × 8.1" × 1.6")	205.0mm ×205.0mm × 41.8mm (8.1" × 8.1" × 1.6")	205.0mm ×205.0mm × 41.8mm (8.1" × 8.1" × 1.6")	270.0mm ×205.0mm × 41.8mm (10.6" × 8.1" × 1.6")	360.0mm ×254.3mm × 43.6mm (14.17" × 10.01" × 1.72")	360.0mm ×254.3mm × 43.6mm (14.17" × 10.01" × 1.72")
	Weight(Without HDD)	≤1.17kg	≤1.17kg	≤1.21kg	≤1.3kg	≤1.5kg	≤1.5kg



Model		NVR201-04EP	NVR201-08EP	NVR202-08E	NVR202-16E	NVR202-32E	NVR202-08EP
Appearance							
Video/Audio Input	IP Video Input	4-ch	8-ch	8-ch	16-ch	32-ch	8-ch
	Input Bandwidth	32 Mbps	64 Mbps	64 Mbps	128 Mbps	200 Mbps	64 Mbps
	Audio Input	1-ch	1-ch	1-ch	1-ch	1-ch	1-ch
Video/Audio Output	HDMI	1	1	1	1	1	1
	VGA	1	1	1	1	1	1
	Audio Output	1-ch, RCA	1-ch, RCA	1-ch, RCA	1-ch, RCA	1-ch, RCA	1-ch, RCA
	Outgoing Bandwidth	96Mbps	96Mbps	96Mbps	96Mbps	96Mbps	96Mbps
	Decoding Capability	18-ch@D1, 9-ch@720P, 4-ch@1080P	18-ch@D1, 9-ch@720P, 4-ch@1080P	18-ch@D1, 9-ch@720P, 4-ch@1080P	32-ch@D1, 16-ch@720P, 6-ch@1080P	32-ch@D1, 16-ch@720P, 6-ch@1080P	32-ch@D1, 16-ch@720P, 6-ch@1080P
Storage	HDD	1 SATA interface	1 SATA interface	2 SATA interfaces	2 SATA interfaces	2 SATA interfaces	2 SATA interfaces
External Interface	Network Interface	1 x RJ-45 100M	1 x RJ-45 100M	1 x RJ-45 1000M			
	PoE	4 x PoE+	8 x PoE+	N/A	N/A	N/A	8 x PoE+
	Serial Interface	N/A	N/A	N/A	N/A	N/A	N/A
	USB Interface	1 x USB 2.0, 1 x USB 3.0	1 x USB 2.0, 1 x USB 3.0	1 x USB 2.0, 1 x USB 3.0	1 x USB 2.0, 1 x USB 3.0	1 x USB 2.0, 1 x USB 3.0	1 x USB 2.0, 1 x USB 3.0
	Alarm I/O	N/A	N/A	N/A	N/A	N/A	N/A
Other	Power Supply	48V DC, 1.25A	52V DC, 1.8A	12V DC, 2A	12V DC, 2A	12V DC, 2A	52V DC, 1.8A
	Power Consumption	≤8W (without HDD and PoE)	≤8W (without HDD and PoE)	≤6W (without HDD)	≤6W (without HDD)	≤6W (without HDD)	≤8W (without HDD and PoE)
	Working Environment	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH
	Dimensions(H×W×D)	360.0mm × 254.3mm × 43.6mm (14.17" × 10.01" × 1.72")	360.0mm × 254.3mm × 43.6mm (14.17" × 10.01" × 1.72")	360.0mm × 254.3mm × 43.6mm (14.17" × 10.01" × 1.72")	360.0mm × 254.3mm × 43.6mm (14.17" × 10.01" × 1.72")	360.0mm × 254.3mm × 43.6mm (14.17" × 10.01" × 1.72")	205.0mm × 205.0mm × 41.8mm (8.1" × 8.1" × 1.6")
	Weight(Without HDD)	≤1.36kg	≤1.36kg	≤1.42kg	≤1.42kg	≤1.42kg	≤1.45kg



Model		NVR202-16EP	NVR204-16E	NVR204-32E	NVR208-16	NVR208-32
Appearance						
Video/Audio Input	IP Video Input	16-ch	16-ch	32-ch	16-ch	32-ch
	Input Bandwidth	128 Mbps	128 Mbps	200 Mbps	128 Mbps	200 Mbps
	Audio Input	1-ch	1-ch	1-ch	1-ch	1-ch
Video/Audio Output	HDMI	1	1	1	1	1
	VGA	1	1	1	1	1
	Audio Output	1-ch, RCA	1-ch, RCA	1-ch, RCA	1-ch, RCA	1-ch, RCA
	Outgoing Bandwidth	96Mbps	96Mbps	96Mbps	96Mbps	96Mbps
	Decoding Capability	32-ch@D1, 16-ch@720P, 6-ch@1080P	32-ch@D1, 16-ch@720P, 6-ch@1080P	32-ch@D1, 16-ch@720P, 6-ch@1080P	32-ch@D1, 16-ch@720P, 6-ch@1080P	32-ch@D1, 16-ch@720P, 6-ch@1080P
Storage	HDD	2 SATA interfaces	4 SATA interfaces	4 SATA interfaces	8 SATA interfaces	8 SATA interfaces
External Interface	Network Interface	1 x RJ-45 1000M	2 x RJ-45 1000M	2 x RJ-45 1000M	2 x RJ-45 1000M	2 x RJ-45 1000M
	PoE	8 x PoE+	N/A	N/A	N/A	N/A
	Serial Interface	N/A	1 x RS-485	1 x RS-485	N/A	N/A
	USB Interface	1 x USB2.0, 1 x USB3.0	2 x USB2.0, 1 x USB3.0	2 x USB2.0, 1 x USB3.0	2 x USB 2.0, 1 x USB 3.0	2 x USB 2.0, 1 x USB 3.0
	Alarm I/O	N/A	8/2	8/2	8/2	8/2
Other	Power Supply	52V DC, 1.8A	12V DC, 5A	12V DC, 5A	100~240V AC	100~240V AC
	Power Consumption	≤8W (without HDD and PoE)	≤6W (without HDD)	≤6W (without HDD)	≤15W (without HDD)	≤15W (without HDD)
	Working Environment	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH
	Dimensions(H×W×D)	205.0mm × 205.0mm × 41.8mm (8.1" × 8.1" × 1.6")	44.0mm × 440.0mm × 341.0mm (1.73" × 17.30" × 13.47")	44.0mm × 440.0mm × 341.0mm (1.73" × 17.30" × 13.47")	86.1mm × 442.0mm × 421.0mm (3.39" × 17.40" × 16.57")	86.1mm × 442.0mm × 421.0mm (3.39" × 17.40" × 16.57")
	Weight(Without HDD)	≤1.45kg	≤3kg	≤3kg	≤5.2kg	≤5.2kg



Model		NVR304-16E	NVR304-32E	NVR308-32E	NVR308-64E
Appearance					
Video/Audio Input	IP Video Input	16-ch	32-ch	32-ch	64-ch
	Input Bandwidth	160Mbps	320 Mbps	320Mbps	320 Mbps
	Audio Input	1-ch	1-ch	1-ch	1-ch
Video/Audio Output	HDMI	2	2	2	2
	VGA	1	1	1	1
	Audio Output	1	1	1	1
	Outgoing Bandwidth	320Mbps	320Mbps	320Mbps	320Mbps
	Decoding Capability	32-ch@720P, 16-ch@1080P, 4-ch@8MP	32-ch@720P, 16-ch@1080P, 4-ch@8MP	32-ch@720P, 16-ch@1080P, 4-ch@8MP	64-ch@D1,32-ch@720P,16-ch@1080P,4-ch@8MP
Storage	HDD	4 SATA interfaces	4 SATA interfaces	8 SATA interfaces, 1 eSATA interface	8 SATA interfaces, 1 eSATA interface
External Interface	Network Interface	2 x RJ-45 1000M	2 x RJ-45 1000M	2 x RJ-45 1000M	2 x RJ-45 1000M
	PoE	N/A	N/A	N/A	N/A
	Serial Interface	1 x RS-485	1 x RS-485	1 x RS-232, 1 x RS-485	1 x RS-232, 1 x RS-485
	USB Interface	2 x USB2.0, 1 x USB3.0	2 x USB2.0, 1 x USB3.0	2 x USB2.0, 1 x USB3.0	2 x USB2.0, 1 x USB3.0
	Alarm I/O	16/4	16/4	16/4	16/4
Other	Power Supply	100-240V AC	100-240V AC	100-240V AC	100-240V AC
	Power Consumption	≤12W (without HDD)	≤12W (without HDD)	≤20W (without HDD)	≤20W (without HDD)
	Working Environment	-10°C ~ 55°C, (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C, (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C, (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C, (14°F ~ 131°F) 10% ~ 90% RH
	Dimensions(H×W×D)	44.0mm × 440.0mm × 344.0mm (1.73" × 17.30" × 13.54")	44.0mm × 440.0mm × 344.0mm (1.73" × 17.30" × 13.54")	86.1mm × 442.0mm × 425.5mm (3.39" × 17.40" × 16.75")	86.1mm × 442.0mm × 425.5mm (3.39" × 17.40" × 16.75")
	Weight(Without HDD)	≤3.2kg	≤3.2kg	≤5.2kg	≤5.2kg

IP SAN

Model	IPSAN1008	IPSAN1624	DEU1124	DEU1008
Appearance				
Video Input	64-ch / 192Mbps (max)	512-ch / 1024Mbps (max)	N/A	N/A
Network Interface	2 × GE	2×1 Gbps iSCSI 1×10M/100M Base_T 4×1 Gbps iSCSI module (optional, max. 2 modules) 2×10 Gbps iSCSI module (optional, max. 2 modules)	N/A	N/A
Expand Interface	N/A	2× 24Gbps mini SAS (optional, needed when connecting to enclosure)	2× 24Gbps mini SAS	1× mini SAS
USB Interface	2	2×USB 2.0	N/A	N/A
RAID	JBOD, RAID 5 Hot-spare	JBOD and RAID 0, 1, 10, 5, 6, 50 Dedicated hot-spare disk and global hot-spare disk	N/A	N/A
Protocol	iSCSI	iSCSI, NFS(V2,V3, V4),CIFS/SMB,FTP	N/A	N/A
Controller	Single	Single	Single	Single
HDD	8 HDDs	24 HDDs	24 HDDs	8 HDDs
Reliability	Overcurrent protection, Overload protection	Dual BIOS, Write-cache Safes, Disk hibernation, Disk one by one spinup, Overcurrent protection, Overload protection, Redundant, hot-swappable power supplies, battery and fans	Disk one by one spinup, Overcurrent protection, Overload protection, Redundant, hot-swappable power supplies, battery and fans	Overcurrent protection, Overload protection
Power Supply	100~240 V AC	100 V~127 V/ 200 V~240 V AC; 60 Hz/50 Hz	100V~127V/200V~240V AC; 60Hz/50Hz	100~240 V AC
Consumption	120W (Fully configured)	Controller enclosure < 450 W (fully configured) Disk enclosure < 350W (fully configured)	350W (fully configured)	120W (Fully configured)
Weight	Empty<10kg Fully Configured<16kg	Controller enclosure Without HDDs: <25.5 kg; Fully configured: < 43 kg Disk enclosure Without HDDs: <19.5kg; Fully configured: <37kg	Without HDD: < 19.5 kg; Fully configured: < 37 kg	Empty<10kg Fully Configured<16kg
Dimensions (H × W × D)	86.1mm × 442.0mm × 530.4mm (3.3" × 17.4" × 20.9"), 2U	Controller enclosure: 175.0mm×481.6mm×589.0mm Disk enclosure: 175.0mm×481.6mm×589.0mm Note: for standard cabinet with 800mm depth or above	481.6mm × 589.0mm × 175.0mm (19.0"× 23.2"× 6.9")	86.1mm × 442.0mm × 530.4mm (3.3" × 17.4" × 20.9"), 2U

ENCODER

Model	DVS4104	DVS4116
Appearance		
Analog Camera	4	16
Video Compression Standard	H.264	H.264
Resolution	960H, D1, 4CIF, 2CIF, CIF	960H, D1, 4CIF, 2CIF, CIF
Video Bit Rate	128Kbps-8Mbps	128Kbps-8Mbps
Dual-Stream	H.264 960H + H.264 CIF	H.264 960H + H.264 CIF
Video Input	4 × BNC	16 × BNC
Video Output	N/A	N/A
Audio Compression Standard	G.711 μ	G.711 μ
Audio Input	4	16
Audio Output	1	1
Serial Interface	1 × RS232 Serial Interface 2 × RS485 Serial Interface	1 × RS232 Serial Interface 1 × RS485 Serial Interface
Alarm I/O	4/2	8/2
Network Interface	2 × 10/100 Base-T 2 × 1000Base-FX (SFP) (optional)	1 × 10/100/1000Base-T
USB Interface	1	1
Dimensions(H×W×D)	40.0mm × 188.6mm × 250.0 mm (1.57" × 7.43" × 9.84")	43.6mm × 482.6 mm × 240.0 mm (1.72" × 19.00" × 9.45")
Weight	<1.5kg	<3kg
Working Environment	-10°C to 55°C (14°F to 131°F) 10% to 90% RH	-10°C to 55°C (14°F to 131°F) 10% to 90% RH
Power Supply	12V, DC	100V ~ 240V AC
Consumption	10W	20W

DECODER

Model	DC4301	DC4304	DC4308
Appearance			
Video Out	1 × HDMI Subcard (optional) 1 × VGA subcard (optional)	4 × DVI-I, compatible with HDMI/DVI-D/VGA/YPbPr/RGBHV port	8 × DVI-I, compatible with HDMI/DVI-D/VGA/YPbPr/RGBHV port
Video Input Interface	N/A	1 × VGA, 1 × DVI-D	1 × VGA, 1 × DVI-D
Video Output Resolution	1920*1080P/25HZ 1920*1080P/30HZ 1920*1080/50HZ 1920*1080/60HZ 1280*720P/60HZ 1024*768/60HZ 1280*1024/60HZ	1024*768/60HZ 1280*720/60HZ 1280*1024/60HZ 1360*768/60HZ 1400X1050/60HZ 1600*1200/60HZ 1920*1080P/50Hz 1920*1080P/60Hz	1024*768/60HZ 1280*720/60HZ 1280*1024/60HZ 1360*768/60HZ 1400X1050/60HZ 1600*1200/60HZ 1920*1080P/50Hz 1920*1080P/60Hz
Video Compression Standard	H.264	H.264	H.264
Net-Stream Resolution	1080P, 1080I, 960P, 720P, D1, 4CIF, 2CIF, CIF	1080P, 1080I, 960P, 720P, D1, 4CIF, 2CIF, CIF	1080P, 1080I, 960P, 720P, D1, 4CIF, 2CIF, CIF
Split Screen	1/4	1/3/4/7/9/16	1/3/4/7/9/16
Decoder Performance	4 × D1 or 1 × 1080P@30	36 × D1 or 8 × 1080P@30	72 × D1 or 16 × 1080P@30
Video Wall	N/A	1*2, 2*2	1*2, 2*2, 2*3, 2*4
Audio Compression Standard	G.711 μ	G.711 μ	G.711 μ
Audio Input	1 × Analog audio input interface 2V(P-P)	1 × Analog audio input interface	1 × Analog audio input interface
Audio Output	1 × Analog audio output, 2V(P-P)	4 × Analog audio output	8 × Analog audio output
Serial Interface	1 × RS232 Serial Interface 2 × RS485 Serial Interface	1 × RS232 Serial Interface 1 × RS485 Serial Interface	1 × RS232 Serial Interface 1 × RS485 Serial Interface
Alarm I/O	2/2	8/6	8/6
Network Interface	2 × 10/100/1000Base-T 2 × 1000Base-FX(SFP) subcard (optional) 1 × EPON ONU subcard (optional)	2 × 10/100/1000Base-T	2 × 10/100/1000Base-T
USB Interface	1	N/A	N/A
Dimensions (H × W × D)	40.0mm × 188.6mm × 250.0 mm (1.57" × 7.43" × 9.84")	43.6mm × 440.0mm × 320.0mm (1.72" × 17.32" × 12.60"), 1U	43.6mm × 440.0mm × 320.0mm (1.72" × 17.32" × 12.60"), 1U
Weight	<2kg	<4kg	<4kg
Working Environment	-10 C to 55 C (14°F to 131°F) 10% to 90% RH	-10 C to 55 C (14°F to 131°F) 10% to 90% RH	-10 C to 55 C (14°F to 131°F) 10% to 90% RH
Power Supply	12V DC	100~240V AC	100~240V AC
Consumption	10W (without subcard) 12W (with subcard)	50W	70W

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