QUALVISION

V2023 Q4
PRODUCT CATALOG

Secure Our Life Through Quality Vision

SECURE OUR LIFE
THROUGH
QUALITY VISION

Shanghai Head Office

Shenzhen Factory

ABOUT QUALVISION

For over a decade, Qualvision Technology has been a stalwart provider of OEM/ODM services in the security industry. Our range of products covers a wide variety, encompassing video intercom systems, IP video surveillance systems, hybrid HD video surveillance systems, and beyond. Our unwavering dedication lies in empowering our brand partners to achieve heightened success.

With the establishment of four cutting-edge R&D centers in China, we not only furnish state-of-the-art devices, but also deliver cloud technology and services. Our confidence is rooted in our pioneering technologies, which stand shoulder-to-shoulder with industry vanguards, enabling us to offer meticulously tailored services.

Encompassing an expanse of over 20,000 square meters（215278 ft²）, our factory stands as a testament to extensive expertise, having guided numerous partners in the establishment of their very own manufacturing facilities.

14 Year

14 years of development history

20000+

Factory exceeding 20000 square meters

Shanghai Office

Hangzhou Office

Hefei Office

SECURE OUR LIFE THROUGH

QUALITY VISION

BUSINESS PHILOSOPHY

Mission

Embracing a customer-centric approach, we are dedicated to understanding and addressing our customers' challenges and pressures.

We relentlessly strive to fulfill their needs, facilitating their journey towards success.

Vision

To earn the esteemed recognition of being a trusted security OEM/ODM enterprise, valued by both our customers and the industry as a whole.

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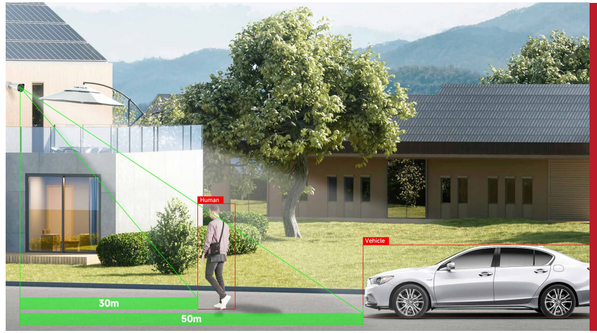
SUPERIOR ARTIFICIAL INTELLIGENCE



iQSense

Qualvision's iQSense technology excels in identifying people, vehicles, and non-motorized vehicles, with high accuracy. The specific testing data is as follows:

- Detection (Human & Vehicle) accuracy rate up to 99%
- Human detection distance up to 30m Daytime
  (Distance at night may vary depending on the scene)
- Vehicle detecion distance up to 50m
  (2.8mm fixed-focal camera)

Lite AI

Qualvision's Lite AI technology boasts excellent accuracy in identifying people, vehicles, and non-motorized vehicles, paired with entry-level products to achieve cost-effective applications. The specific test data is as follows:

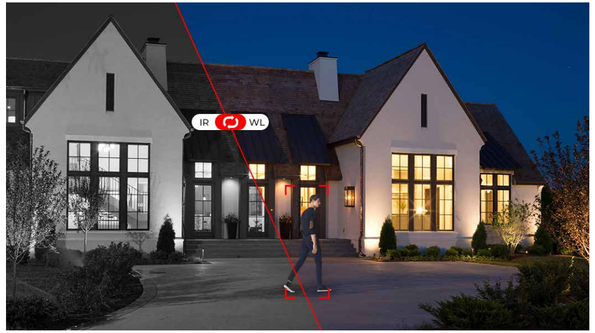
- Detection (Human & Vehicle) accuracy rate up to 95%
- Human detection distance up to 22m Daytime
  (Distance at night may vary depending on the scene)
- Vehicle detecion distance up to 34m
  (2.8mm fixed-focal camera)

ColorView

A revolutionary color imaging technology boasting numerous cutting-edge configurations. With its 24/7 full color capability, F1.0 large aperture, spacious BSI image sensor, and state-of-the-art advanced ISP (image signal processor), it sets a new standard for unparalleled image quality and performance. Whether it's day or night, this powerhouse ensures you capture vibrant, feel like colors with exceptional clarity and detail. Elevate your imaging experience with ColorView.

Smart Dual Light

Qualvision's Smart Dual Light product provides cost-effective and efficient image recording. It seamlessly transitions between warm and infrared lighting, capturing full-color images for suspicious events at night. Customizable lighting schedules offer flexible operation planning, reducing daily life disruptions. With warm light deterrence technology, it proactively enhances property security, adapting to diverse applications.



Active Deterrence

The Active Deterrence product elevates camera defense capabilities to a whole new level with its active deterrence features. Equipped with a powerful alarm system, red and blue strobe lights, and two-way talk functionality, it offers instant protection precisely when you need it. Customize your siren voice to tailor your security setup to various scenarios. Choose Active Deterrence for personalized, on-demand security that ensures peace of mind.

PanoView

Qualvision's PanoView technology has revolutionized security cameras, expanding their coverage to capture vast panoramas, significantly enhancing video security. PanoView offers three panoramic imaging methods:

- Single sensor with a unique fisheye lens, achieving ultra-wide angles while ensuring minimal distortion.
- Seamless stitching of multiple images using advanced algorithms and multiple sensors.
- Multi-directional views from individual channels, providing a variety of perspectives.

Auto Tracking

Auto tracking is an exclusive technology in Qualvision's PTZ camera system. When a target triggers our Intelligent Video Surveillance (IVS) rule, our camera precisely locks onto it using horizontal/vertical rotation and zoom features. Advanced AI algorithms predict the object's movement, ensuring continuous, precise tracking. This cutting-edge technology keeps your surveillance focused on what matters most.

RAID

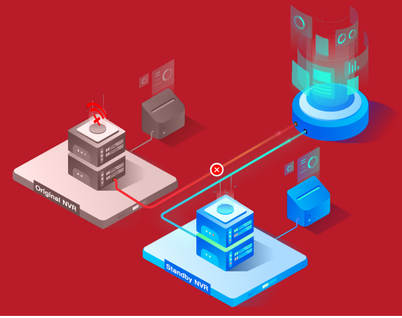
In Qualvision's storage solutions, we offer a range of RAID configurations, including RAID 0, 1, 5, and 10, to cater to your data protection and performance needs.

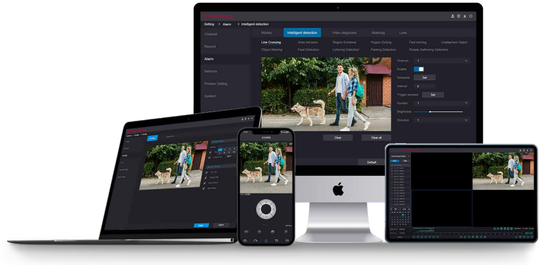
When hard drives within your RAID array experience failures, our systems provide a seamless solution. By employing a function that calculates and reconstructs the RAID configuration, we ensure that data from the remaining healthy hard drives is efficiently supplied to the newly introduced replacement drive. This means that your data remains accessible and protected, minimizing downtime and potential data loss. With Qualvision's RAID technology, your data remains safeguarded even in the face of hardware failures.

N+1 Hot Spare

Qualvision's N+1 Hot Spare feature ensures uninterrupted system operation even in the event of an NVR failure. When the primary NVR (referred to as NVR X) experiences a breakdown, the standby NVR seamlessly steps in to take over its functions, ensuring continuous system functionality.

Our Standby NVR technology is designed to handle the transition smoothly, and once the network is restored, recorded video seamlessly transfers back to the original NVR (NVR 1). It's important to note that our backup NVR can efficiently take over one offline device at a time, ensuring a robust and resilient surveillance system that minimizes disruptions and data loss. With Qualvision's N+1 Hot Spare feature, you can trust in the reliability and continuity of your surveillance infrastructure.





User Experience

- Cross-platform and uniform design make it easy for end users to learn and use.
- Cloud servers are deployed worldwide for faster remote access and connections.
- Support for different web browsers, such as Google Chrome, Firefox, and Edge.
- Compatibility with both Windows and iOS system on desktop computers.
- Support for various of Android and iOS mobile phones.

IPC Ultra Series

Qualvision Ultra Series IPCs deliver continuous, vibrant, full-color images, even in low-light conditions, thanks to ColorView technology. Additionally, the Ultra Series features the intelligent iQSense algorithm, which focuses on human and vehicle targets, streamlining subject identification when reviewing video footage.

Key features

- 24/7 High-quality, full-color images
- 1.8-inch image sensor with an F1.0 aperture for exceptional image quality
- 130dB True WDR
- Efficient H.265 & H.265+ compression

Model	QV-IPC913823B61-TPMSCD
Appearance	
Max. Image Resolution	8MP (5120 x 1440) @ 20 fps
Image Sensor	2 × 1/1.8" Progressive Scan CMOS Sensor
Min. Illumination	0.0008Lux (Color), 0Lux with light
Illumination Distance	40m (Warm Light)
Strobe Light	N/A
Focal Length	4 mm @ F1.0
FOV	Horizontal: 180° ± 10° , Vertical: 44°
Video Compression	H.264/H.264+/H.265/H.265+/MJPEG
Triple Streams	Support
Wide Dynamic Range	130 dB
Basic Event	Smart Motion Detection(human and vehicle), Video Shelter
Smart Event	Line Crossing Detection, Area Intrusion, Region Entrance, Region Exiting (human and vehicle)
Face Detection	N/A
On-board Storage	Up to 256GB
MIC	Support
Speaker	Support
Audio I/O	1/1
Alarm I/O	1/1
Operating Conditions	-40° C ~ 60° C (-40° F ~ 140° F), Humidity 95% or less (non-condensing)
Power Supply	DC12V ± 25%， PoE (802.3 af)
Power Consumption	MAX. 11 W
Protection Level	IP67
Dimensions	120 × 105 × 327 mm (4.73" × 4.13" × 12.88")

Model	QV-IPC61361AC2F-TPMDZ	QV-IPC6A81CC2F-TPMDZ
Appearance		
Max. Image Resolution	6M(3200 x 1800) @ 25fps	8MP (5120 x 1440) @ 20 fps
Image Sensor	1/2.8" Progressive scan CMOS Sensor	1/1.8" Progressive Scan CMOS Sensor
Min. Illumination	0.006Lux (Color), 0Lux (IR on)	0.002Lux (Color), 0Lux (IR on)
Illumination Distance	100m(IR Light)	100m(IR Light)
Strobe Light	N/A	
Focal Length	5 ~ 50mm	8 ~ 32mm
FOV	Horizontal: 48.3° ~ 9.1° , Vertical: 27.1° ~ 5.1° , Diagonal: 54.0° ~ 10.5°	Horizontal: 42.5° ~ 15.1° , Vertical: 23.6° ~ 8.6° , Diagonal: 47.7° ~ 17.4°
Video Compression	H.264/H.264+/H.265/H.265+	
Triple Streams	Support	
Wide Dynamic Range	120 dB	WDR & DWDR
Basic Event	Smart Motion Detection(human and vehicle), Video Shelter	
Smart Event	Line Crossing Detection, Area Intrusion, Region Entrance, Region Exiting (human and vehicle), Scene Change Detection	Line Crossing Detection, Area Intrusion, Region Entrance, Region Exiting (human and vehicle), Unattended Object, Object Missing, Fast Moving, Loitering Detection, People Gathering Detection, Parking Detection, Blurred Detection, Scene Change Detection, Audio Exception Detection, Crossing Line Statistics
Face Detection	Support	
On-board Storage	Up to 256GB	Up to 128GB
MIC	Support	
Speaker	N/A	
Audio I/O	1/1	
Alarm I/O	1/1	
Operating Conditions	-30° C ~ 60° C (-22° F ~ 140° F), Humidity 95% or less (non-condensing)	
Power Supply	DC12V ± 10%，PoE (802.3 af)	
Power Consumption	MAX. 15 W	
Protection Level	IP67/IK10	
Dimensions	Φ 142 × 360.3 mm (5.59" × 14.18")	

Model	QV-IPC60912Y01-FPI	QV-IPC81365BY01-TPMS
Appearance		
Max. Image Resolution	12MP (3008 × 3000) @ 25fps	6MP (2560 × 2560) @ 30fps
Image Sensor	1/1.7" progressive scan CMOS	1/2.5" Progressive Scan CMOS Sensor
Min. Illumination	0.0001Lux (Color), 0Lux with Light	0.0008Lux (Color), 0Lux with Light
Illumination Distance	15m (IR Light)	20m (IR Light)
Strobe Light	N/A	
Focal Length	1.85 mm @ F2.0	1.68 mm @ F2.0
FOV	Horizontal: 180° , Vertical: 180°	
Video Compression	H.265/H.264/H.265+/H.264+	H.264/H.264+/H.265/H.265+/MJPEG
Triple Streams	N/A	
Wide Dynamic Range	WDR & DWDR	120 dB
Basic Event	Motion Detection, Video Shelter	
Smart Event	Area Intrusion, Line crossing	Line Crossing Detection, Area Intrusion, Region Entrance, Region Exiting
Face Detection	N/A	
On-board Storage	Up to 128GB	Up to 256 GB
MIC	Support	
Speaker	Support	
Audio I/O	1/1	
Alarm I/O	1/1	
Operating Conditions	-30° C ~ 60° C (-22° F ~ 140° F), Humidity 95% or less (non-condensing)	
Power Supply	DC12V ± 25%，PoE (802.3 af)	
Power Consumption	MAX. 10 W	MAX. 9 W
Protection Level	IP66	
Dimensions	Φ 152 × 53 mm (5.98" × 2.08")	

Model	QV-IPD6A81CQ81-FP	QV-IPD69513Q51-FP	QV-IPD61A413Q45-FP
Appearance			
Max. Image Resolution	8MP (3840 × 2160)@ 25fps	5MP (2592 × 1944) @ 20fps	4MP (2560 × 1440) @25fps
Image Sensor	1/1.8" Progressive Scan CMOS Sensor	1/2.8" Progressive scan CMOS Sensor	
Min. Illumination	0.002Lux (ICR ON, AGC ON)	Color: 0.005Lux @ (F1.6, AGC ON) B/W: 0.0005Lux @ (F1.6, AGC ON), 0Lux with IR	0.006Lux (Color), 0Lux (IR on)
Illumination Distance	250 m (IR Light)	150 m (IR Light)	150 m (IR Light)
Strobe Light	N/A		
Focal Length	38X Optical Zoom/16X, Digital Zoom 5.7 ~ 216.6 mm	32X Optical Zoom/16X, Digital Zoom 4.8 ~ 154 mm	25X Optical Zoom/16X, Digital Zoom 4.8 ~ 120 mm
FOV	Horizontal: 60.3° to 2.2° (wide-tele), Vertical: 35.1° to 1.7° (wide-tele), Diagonal: 67° to 2.8° (wide-tele)	Horizontal: 54.4° to 2.3° (wide-tele), Vertical: 41° to 1.7° (wide-tele), Diagonal: 67° to 2.8° (wide-tele)	
Video Compression	H.264/H.264+/H.265/H.265+/MJPEG	H.264/H.264+/H.265/H.265+/MJPEG	H.264/H.264+/H.265/H.265+
Triple Streams	Support		
Wide Dynamic Range	120 dB		
Basic Event	Smart Motion Detection(human and vehicle), Video Shelter		
Smart Event	Line Crossing Detection, Area Intrusion, Region Entrance, Region Exiting (human and vehicle), Unattended Object, Object Missing, Fast Moving, Loitering Detection, People Gathering Detection, Parking Detection, Blurred Detection, Scene Change Detection, Audio Exception Detection, Crossing Line Statistics		Line Crossing Detection, Area Intrusion, Region Entrance, Region Exiting (human and vehicle), Scene Change Detection
Face Detection	Support	Support	N/A
On-board Storage	Up to 256GB		
MIC	N/A		
Speaker	N/A		
Audio I/O	1/1	1/1	1/1
Alarm I/O	1/1	2/1	1/1
Operating Conditions	-30° C ~ 60° C (-22° F ~ 140° F), Humidity 95% or less (non-condensing)	-40° C ~ 70° C (-40° F ~ 158° F), Humidity 95% or less(F25non-condensing)	-30° C ~ 60° C (-22° F ~ 140° F), Humidity 95% or less (non-condensing)
Power Supply	AC24V, PoE (802.3 at)	DC36V (± 25%), PoE+ (802.3at)	DC12V, PoE (802.3 at)
Power Consumption	MAX. 25 W	MAX. 20.5 W	MAX. 21.6 W
Protection Level	IP66	IP67/ IK10	IP66
Dimensions	Φ 237 × 353.5 mm (9.33" × 13.91")	Φ 190 × 330.7 mm (7.48" × 13.02")	Φ 185 × 313.1 mm (7.3" × 12.3")

Model	QV-IPC71F457F01-A	QV-IPC71F457F06-A
Appearance		
Max. Image Resolution	4MP (2688 × 1520) @ 25fps	
Image Sensor	1/2.7" Progressive Scan CMOS Sensor	
Min. Illumination	0.008Lux (Color)	
Illumination Distance	N/A	
Strobe Light	N/A	
Focal Length	3.7 mm @ F2.0	
FOV	Horizontal: 68° , Vertical: 35° , Diagonal: 82°	
Video Compression	H.264/H.264+/H.265/H.265+	
Triple Streams	Support	
Wide Dynamic Range	WDR	
Basic Event	Smart Motion Detection (human), Video Shelter	
Smart Event	N/A	
Face Detection	N/A	
On-board Storage	N/A	
MIC	N/A	Support
Speaker	N/A	
Audio I/O	1/0	0/1
Alarm I/O	N/A	0/1
Operating Conditions	(14° F ~ 122° F), Humidity 95% or less (non-condensing)	(14° F ~ 113° F), Humidity 95% or less (non-condensing)
Power Supply	DC12V ± 10%，PoE (802.3 af)	
Power Consumption	MAX. 2.7 W	MAX. 3 W
Protection Level	N/A	
Dimensions	53.5 × 44 × 24.7 mm (2.1" × 1.73" × 0.97")	120 × 77 × 70 mm (4.72" × 3.03" × 2.75")

IPC Pro Series

Qualvision Pro Series IPCs offer budget-conscious customers unparalleled performance. Powered by iQSense algorithms, the Pro Series enables precise classification alarms for human and vehicle targets on both front-end and back-end devices. Selected products in this series are equipped with sirens and strobe lights for effective deterrence and intervention.

Key features

- Precise VCA functions with iQSense technology
- Active deterrence functionality
- Efficient H.265 & H.265+ compression

Model	QV-IPC61381CB2C-TPMC	QV-IPC61381CT9C-TPMC
Appearance	iQ Sense ColorView	iQ Sense ColorView
Max. Image Resolution	8MP (3840 × 2160) @ 25fps	
Image Sensor	1/1.8" Progressive Scan CMOS Sensor	
Min. Illumination	0.0008Lux (Color), 0Lux with Light	
Illumination Distance	40m (Warm Light)	30m (Warm Light)
Strobe Light	N/A	
Focal Length	2.8 mm @ F1.0	
FOV	Horizontal: 111°, Vertical: 60°, Diagonal: 130°	
Video Compression	H.264/H.264+/H.265/H.265+/MJPEG	
Triple Streams	Support	
Wide Dynamic Range	130 dB	
Basic Event	Smart Motion Detection(human and vehicle), Video Shelter	
Smart Event	Line Crossing Detection, Area Intrusion, Region Entrance, Region Exiting (human and vehicle)	
	Scene Change Detection	
Face Detection	Support	
On-board Storage	Up to 256GB	
MIC	Support	
Speaker	N/A	
Audio I/O	1/1	
Alarm I/O	1/1	
Operating Conditions	-40° C ~ 60° C (-40° F ~ 140° F), Humidity 95% or less (non-condensing)	
Power Supply	DC12V ± 25%，PoE (802.3 af)	
Power Consumption	MAX. 8 W	
Protection Level	IP67	
Dimensions	Φ 76 × 215.8 mm (2.99" × 8.5")	Φ 140 × 104.7 mm (5.51" × 4.12")

Model	QV-IPC613423B2C-TPMC	QV-IPC613423T9C-TPMC	QV-IPC613423E88D-TPMCZ
Appearance			
Max. Image Resolution	4MP (2688 × 1520) @ 25fps		
Image Sensor	1/1.8" Progressive Scan CMOS Sensor		
Min. Illumination	0.0005Lux (Color), 0Lux with Light		
Illumination Distance	40m (Warm Light)	30m (Warm Light)	40m (Warm Light)
Strobe Light	N/A		
Focal Length	2.8 mm @ F1.0		2.8-12 mm
FOV	Horizontal: 112° , Vertical: 60° , Diagonal: 131°		Horizontal: 105° ~ 56° , Vertical: 54° ~ 31° , Diagonal: 131° ~ 65°
Video Compression	H.264/H.264+/H.265/H.265+/MJPEG		
Triple Streams	Support		
Wide Dynamic Range	130 dB		
Basic Event	Smart Motion Detection(human and vehicle), Video Shelter		
Smart Event	Line Crossing Detection, Area Intrusion, Region Entrance, Region Exiting (human and vehicle)		
	Scene Change Detection		
Face Detection	Support		
On-board Storage	Up to 256GB		
MIC	Support		
Speaker	N/A		
Audio I/O	1/1		
Alarm I/O	1/1		
Operating Conditions	-40° C ~ 60° C (-40° F ~ 140° F), Humidity 95% or less (non-condensing)		
Power Supply	DC12V ± 25%，PoE (802.3 af)		
Power Consumption	MAX. 7 W		MAX. 11.5 W
Protection Level	IP67		
Dimensions	Φ 76 × 215.8 mm (2.99" × 8.5")	Φ 140 × 104.7 mm (5.51" × 4.12")	Φ 140.5 × 119.3 mm (5.55" × 4.7")

Model	QV-IPC91381AB2G-TPMUSD	QV-IPC91381AT9K-TPMUSD	QV-IPC913457B2G-TPMUSD	QV-IPC913457T9K-TPMUSD
Appearance				
Max. Image Resolution	8MP (3840 × 2160) @ 25fps		4MP (2688 × 1520) @ 25fps	
Image Sensor	1/2.8" Progressive Scan CMOS Sensor		1/2.7" Progressive Scan CMOS Sensor	
Min. Illumination	0.003Lux (Color), 0Lux (IR on)			
Illumination Distance	30m (IR light), 30m (Warm Light)			
Strobe Light	N/A			
Focal Length	2.8 mm @ F1.0			
FOV	Horizontal: 105° , Vertical: 56° , Diagonal: 126°		Horizontal: 103° , Vertical: 55° , Diagonal: 122°	
Video Compression	H.264/H.264+/H.265/H.265+/MJPEG			
Triple Streams	Support			
Wide Dynamic Range	120 dB			
Basic Event	Smart Motion Detection (human and vehicle), Video Shelter			
Smart Event	Line crossing Detection, Area Intrusion, Region Entrance, Region Exiting (human and vehicle)			
	Scene Change Detection, Video Blur Detection			
Face Detection	Support			
On-board Storage	Up to 256GB			
MIC	Support			
Speaker	Support			
Audio I/O	1/1			
Alarm I/O	1/1			
Operating Conditions	-40° C ~ 60° C (-40° F ~ 140° F) , Humidity 95% or less (non-condensing)			
Power Supply	DC12V ± 25% ， PoE (802.3 af)			
Power Consumption	MAX. 10 W	MAX. 9.5 W	MAX. 8.4 W	MAX. 8 W
Protection Level	IP67			
Dimensions	Φ 105 × 278.9 mm (4.1" × 11")	Φ 144.5 × 113.5 mm (5.68" × 4.47")	Φ 105 × 278.9 mm (4.1" × 11")	Φ 144.5 × 113.5 mm (5.68" × 4.47")

Model	QV-IPC81381AB1C-TML	QV-IPC81381AT9C-TML	QV-IPC81381AD81C-TML	QV-IPC81381AD77-TPM
Appearance				
Max. Image Resolution	8MP (3840 × 2160) @ 25fps			
Image Sensor	1/2.8" Progressive Scan CMOS Sensor			
Min. Illumination	0.006Lux (Color), 0Lux (IR on)			
Illumination Distance	40 m (IR light)	30 m (IR light)		
Strobe Light	Support			N/A
Focal Length	2.8 mm @ F1.6			
FOV	Horizontal: 106° , Vertical: 58° , Diagonal: 125°			Horizontal: 102° , Vertical: 56° , Diagonal: 122°
Video Compression	H.264/H.264+/H.265/H.265+/MJPEG			
Triple Streams	Support			
Wide Dynamic Range	120 dB			
Basic Event	Smart Motion Detection (human and vehicle), Video Shelter			
Smart Event	Line Crossing Detection, Area Intrusion, Region Entrance, Region Exiting (human and vehicle)			
	Scene Change Detection			
Face Detection	Support			
On-board Storage	Up to 256GB			
MIC	Support			
Speaker	N/A			
Audio I/O	N/A			1/1
Alarm I/O	N/A			1/1
Operating Conditions	-40° C ~ 60° C (-40° F ~ 140° F), Humidity 95% or less (non-condensing)			
Power Supply	DC12V ± 25%，PoE (802.3 af)			
Power Consumption	MAX. 7.5 W	MAX. 7.5 W	MAX. 9 W	MAX.7 W
Protection Level	IP67			
Dimensions	Φ 68 × 172.3 mm (2.67" × 6.78")	Φ 140 × 104.7 mm (5.51" × 4.12")	Φ 114 × 91.8 mm (4.49" × 3.61")	Φ 111.5 × 60.9 mm (4.38"× 2.39")

Model	QV-IPC81381AC2C-TPMLZ	QV-IPC81381AU9K-TPMLZ	QV-IPC81381AE89D-TPMLZ
Appearance			
Max. Image Resolution	8MP (3840 × 2160) @ 25fps		4MP (2688 × 1520) @ 25fps
Image Sensor	1/2.8" Progressive Scan CMOS Sensor		
Min. Illumination	0.006Lux (Color), 0Lux (IR on)		
Illumination Distance	70 m (IR light)	40 m (IR light)	50 m (IR light)
Strobe Light	Support		
Focal Length	2.7 ~ 13.5 mm		
FOV	Horizontal: 108° ~ 34° , Vertical: 58° ~ 19° , Diagonal: 130° ~ 39°		
Video Compression	H.264/H.264+/H.265/H.265+/MJPEG		
Triple Streams	Support		
Wide Dynamic Range	120 dB		
Basic Event	Smart Motion Detection (human and vehicle), Video Shelter		
Smart Event	Line Crossing Detection, Area Intrusion, Region Entrance, Region Exiting (human and vehicle)		
	Scene Change Detection		
Face Detection	Support		
On-board Storage	Up to 256GB		
MIC	Support		
Speaker	N/A		
Audio I/O	1/1		
Alarm I/O	1/1		
Operating Conditions	-40° C ~ 60° C (-40° F ~ 140° F), Humidity 95% or less (non-condensing)		
Power Supply	DC12V ± 25%，PoE (802.3 af)		
Power Consumption	MAX. 11 W		
Protection Level	IP67		
Dimensions	Φ 76 × 215.8 mm (2.99" × 8.50")	Φ 144.5 × 113.5 mm (5.68" × 4.47")	Φ 142.2 × 116.5 mm (5.59" × 4.46")

Model	QV-IPC813557B1C-TML	QV-IPC813557T9C-TML	QV-IPC813557D81C-TML	QV-IPC813557D78C-TPM
Appearance				
Max. Image Resolution	5MP (2880 × 1620) @ 25fps			
Image Sensor	1/2.7" Progressive Scan CMOS Sensor			
Min. Illumination	0.006Lux (Color), 0Lux (IR on)			
Illumination Distance	40 m (IR light)	30 m (IR light)	30 m (IR light)	20m (IR light)
Strobe Light	Support			
Focal Length	2.8 mm @ F1.6			
FOV	Horizontal: 111° , Vertical: 60° , Diagonal: 132°			
Video Compression	H.264/H.264+/H.265/H.265+/MJPEG			
Triple Streams	Support			
Wide Dynamic Range	120 dB			
Basic Event	Smart Motion Detection (human and vehicle), Video Shelter			
Smart Event	Line Crossing Detection, Area Intrusion, Region Entrance, Region Exiting (human and vehicle)			
	Scene Change Detection			
Face Detection	Support			
On-board Storage	Up to 256GB			
MIC	Support			
Speaker	N/A			
Audio I/O	N/A			
Alarm I/O	N/A			
Operating Conditions	-40° C ~ 60° C (-40° F ~ 140° F), Humidity 95% or less (non-condensing)			
Power Supply	DC12V ± 25%，PoE (802.3 af)			
Power Consumption	MAX. 6.5 W	MAX. 6.5 W	MAX. 8 W	MAX. 4.8 W
Protection Level	IP67			
Dimensions	Φ 68 × 172.3 mm (2.67" × 6.78")	Φ 140 × 104.7 mm (5.51" × 4.12")	Φ 114 × 91.8 mm (4.49" × 3.61")	Φ 106.6 × 51.1 mm (4.19" × 2.01")

Model	QV-IPC813557C2C-TPMLZ	QV-IPC813557U9K-TPMLZ	QV-IPC813557E89D-TPMLZ
Appearance			
Max. Image Resolution	5MP (2880 × 1620) @ 25fps		4MP (2688 × 1520) @ 25fps
Image Sensor	1/2.7" Progressive Scan CMOS Sensor		
Min. Illumination	0.006Lux (Color) , 0Lux (IR on)		
Illumination Distance	70 m (IR light)	40 m (IR light)	50 m (IR light)
Strobe Light	Support		
Focal Length	2.7-13.5 mm		
FOV	Horizontal: 112° ~ 35.5° , Vertical: 59° ~ 20° , Diagonal: 134° ~ 41°		
Video Compression	H.264/H.264+/H.265/H.265+/MJPEG		
Triple Streams	Support		
Wide Dynamic Range	120 dB		
Basic Event	Smart Motion Detection (human and vehicle), Video Shelter		
Smart Event	Line Crossing Detection, Area Intrusion, Region Entrance, Region Exiting (human and vehicle)		
	Scene Change Detection		
Face Detection	Support		
On-board Storage	Up to 256GB		
MIC	Support		
Speaker	N/A		
Audio I/O	1/1		
Alarm I/O	1/1		
Operating Conditions	-40° C ~ 60° C (-40° F ~ 140° F), Humidity 95% or less (non-condensing)		
Power Supply	DC12V ± 25%，PoE (802.3 af)		
Power Consumption	MAX. 9.5 W		
Protection Level	IP67		
Dimensions	Φ 76 × 215.8 mm (2.99" × 8.50")	Φ 144.5 × 113.5 mm (5.68" × 4.47")	Φ 142.2 × 116.5 mm (5.59" × 4.46")

IPC Value Series

Qualvision Value Series IPCs offer intelligent, straightforward, and cost-effective solutions. With essential features like WDR, starlight, Easy AI, and the latest dual illumination technology, this series sets the standard for distribution markets.

Key features

- Affordable Easy AI
- Smart dual light
- Efficient H.265 & H.265+ compression
- Choose Qualvision Easy Series IPCs for budget-friendly, feature-rich options

Model	QV-IPC913C22B1E5-TMUSD	QV-IPC913C22D81C-TMUSD
Appearance	Lite Active Deterrence	Lite Active Deterrence
Max. Image Resolution	12MP (4624 × 2592) @ 20fps	
Image Sensor	1/2.5" Progressive Scan CMOS Sensor	
Min. Illumination	0.006Lux (Color), 0Lux (IR on)	
Illumination Distance	30 m (IR light)，20 m (Warm Light)	
Strobe Light	N/A	
Focal Length	3.6 mm @ F1.6	
FOV	Horizontal: 106° , Vertical: 53° ， Diagonal: 125°	
Video Compression	H.264/H.264+/H.265/H.265+	
Triple Streams	Support	
Wide Dynamic Range	DWDR	
Basic Event	Smart Motion Detection (human and vehicle), Video Shelter	
Smart Event	Line Crossing Detection, Area Intrusion, Region Entrance, Region Exiting (human and vehicle)	
	Scene Change Detection，Video Blur Detection	
Face Detection	Support	
Red/Blue Light Warning	Support	
Sound Warning	Support	
On-board Storage	Up to 256GB	
MIC	Support	
Speaker	Support	
Audio I/O	N/A	
Alarm I/O	N/A	
Operating Conditions	-30° C ~ 60° C (-22° F ~ 140° F), Humidity 95% or less (non-condensing)	
Power Supply	DC12V ± 10%，PoE (802.3 af)	
Power Consumption	MAX. 10.5 W	MAX. 11.5 W
Protection Level	IP67	
Vandalproof	N/A	
Dimensions	Φ 68 × 176.2 mm (2.68" × 7.11")	Φ 114 × 91.8 mm (4.49" × 3.61")

Model	QV-IPC9N853B1ES-TMUSD	QV-IPC9N853T9B-TMUSD
Appearance		
Max. Image Resolution	8MP (3840 × 2160) @ 20fps	
Image Sensor	1/2.7" Progressive Scan CMOS Sensor	
Min. Illumination	0.006Lux (Color), 0Lux (IR on)	
Illumination Distance	30 m (IR light)，20 m (Warm Light)	
Strobe Light	N/A	
Focal Length	2.8 mm @ F1.6	
FOV	Horizontal: 112°, Vertical: 61°, Diagonal: 131°	
Video Compression	H.264/H.264+/H.265/H.265+	
Triple Streams	Support	
Wide Dynamic Range	WDR & DWDR（Note：After WDR is enabled, the frame rate will be adjusted to 15fps）	
Basic Event	Smart Motion Detection (human and vehicle), Video Shelter	
Smart Event	Line Crossing Detection, Area Intrusion, Region Entrance, Region Exiting（human and vehicle), Fast Moving, Loitering Detection, Blurred Detection, Audio Exception Detection, Scene Change Detection, Crossing Line Statistics	
Face Detection	AfterFace Detection is enabled, alarm triggered by human and vehicle in Motion Detection, Line Crossing, Area Intrusion, Region Entry, and Region Exiting will be disabled	
Red/Blue Light Warning	Flash: 5 s-30 s, Frequency: high/medium/low	
Sound Warning	Audio 1/2/3, Volume: high/medium/low; Duration: 5 s-30 s; 106 dB	
On-board Storage	Up to 128GB	
MIC	Support	
Speaker	Support	
Audio I/O	N/A	
Alarm I/O	N/A	
Operating Conditions	-30° C ~ 60° C（-22° F ~ 140° F), Humidity 95% or less (non-condensing)	
Power Supply	DC12V ± 10%，PoE (802.3 af)	
Power Consumption	MAX. 11 W	MAX. 10 W
Protection Level	IP67	
Vandalproof	N/A	
Dimensions	Φ 82 × 180.5 mm (3.23" × 7.11")	Φ 103.5 × 82.4 mm (4.07" × 3.24")

Model	QV-IPC917557B1ES-TMUSD	QV-IPC917557T9B-TMUSD
Appearance		
Max. Image Resolution	5MP (2880 × 1620) @ 20fps	
Image Sensor	1/2.7" Progressive Scan CMOS Sensor	
Min. Illumination	0.006Lux (Color), 0Lux (IR on)	
Illumination Distance	30 m (IR light)，20 m (Warm Light)	
Strobe Light	N/A	
Focal Length	2.8 mm @ F1.6	
FOV	Horizontal: 110°, Vertical: 60°, Diagonal: 132°	
Video Compression	H.264/H.264+/H.265/H.265+/MJPEG	
Triple Streams	N/A	
Wide Dynamic Range	WDR	
Basic Event	Smart Motion Detection (human and vehicle), Video Shelter	
Smart Event	Line Crossing Detection, Area Intrusion, Region Entrance, Region Exiting (human and vehicle)	
Face Detection	N/A	
Red/Blue Light Warning	Support	
Sound Warning	Support	
On-board Storage	Up to 256GB	
MIC	Support	
Speaker	Support	
Audio I/O	N/A	
Alarm I/O	N/A	
Operating Conditions	-30° C ~ 60° C（-22° F ~ 140° F), Humidity 95% or less (non-condensing)	
Power Supply	DC12V ± 10%，PoE (802.3 af)	
Power Consumption	MAX. 9 W	
Protection Level	IP67	
Vandalproof	N/A	
Dimensions	Φ 82 × 180.5 mm (3.23" × 7.11")	Φ 103.5 × 82.4 mm (4.07" × 3.24")

Model	QV-IPC7N853B1E-TML	QV-IPC7N853T9B-TML	QV-IPC7N853D81-TM
Appearance			
Max. Image Resolution	8MP (3840 × 2160) @ 20fps		
Image Sensor	1/2.7" Progressive Scan CMOS Sensor		
Min. Illumination	0.006Lux (Color), 0Lux (IR on)		
Illumination Distance	30m (IR Light)		20m (IR Light)
Strobe Light	Support		N/A
Focal Length	2.8 mm @ F1.6		
FOV	Horizontal: 114° , Vertical: 61° , Diagonal: 131°		
Video Compression	H.264/H.264+/H.265/H.265+		
Triple Streams	Support		
Wide Dynamic Range	WDR/DWDR		
Basic Event	Smart Motion Detection (human and vehicle)		
Smart Event	Line Crossing Detection, Area Intrusion (human and vehicle)		
Face Detection	Support		
On-board Storage	Up to 128GB		
MIC	Support		
Audio I/O	N/A		
Alarm I/O	N/A		
Operating Conditions	-30° C ~ 60° C (-22° F ~ 140° F), Humidity 95% or less (non-condensing)		
Power Supply	DC12V ± 10%, PoE (802.3 af)		
Power Consumption	MAX. 7 W		
Protection Level	IP67		
Vandalproof	N/A	N/A	K10
Dimensions	Φ 68 × 176.2 mm (2.67" × 6.93")	Φ 103.5 × 82.4 mm (4.07" × 3.24")	Φ 114 × 89.6 mm (4.49" × 3.53")

Model	QV-IPC7N853C2E-TMLZ	QV-IPC7N853E89-TMZ	QV-IPC7N853U9E-TMLZ
Appearance			
Max. Image Resolution	8MP (3840 × 2160) @ 15fps		
Image Sensor	1/2.7" Progressive Scan CMOS Sensor		
Min. Illumination	0.006Lux (Color), 0Lux (IR on)		
Illumination Distance	50m (IR Light)	30m (IR Light)	40m (IR Light)
Strobe Light	Support	N/A	Support
Focal Length	2.7 ~ 13.5 mm		
FOV	Horizontal: 108° ~ 37° , Vertical: 58° ~ 21° , Diagonal: 126° ~ 41°		
Video Compression	H.264/H.264+/H.265/H.265+		
Triple Streams	Support		
Wide Dynamic Range	WDR/DWDR		
Basic Event	Smart Motion Detection (human and vehicle), Video Shelter		
Smart Event	Line Crossing Detection, Area Intrusion (human and vehicle), Unattended Object, Object Missing, Region Entrance, Region Exiting, Fast Moving, Loitering Detection, People Gathering Detection, Parking Detection, Blurred Detection, Scene Change Detection, Audio Exception Detection, Crossing Line Statistics		
Face Detection	Face Detection, Smart Motion Detection and Perimeter Protection (human and vehicle) are mutually exclusive		
On-board Storage	Up to 128GB		
MIC	Support		
Audio I/O	N/A		
Alarm I/O	N/A		
Operating Conditions	-30° C ~ 60° C (-22° F ~ 140° F), Humidity 95% or less (non-condensing)		
Power Supply	DC12V ± 10%, PoE (802.3 af)		
Power Consumption	MAX. 9 W	MAX. 8 W	MAX. 9 W
Protection Level	IP67		
Vandalproof	N/A	K10	N/A
Dimensions	Φ 74.5 × 218.9 mm (2.93" × 8.62")	Φ 142.2 × 116.5 mm (5.59" × 4.46")	Φ 140 × 104.7 mm (5.51" × 4.12")

Model	QV-IPC714557B1EC-TMUR16	QV-IPC714557T9B-TMUR16	QV-IPC714557D8FC-TMUR16
Appearance			
Max. Image Resolution	5MP (2880 x 1620) @ 25fps		
Image Sensor	1/2.7" Progressive Scan CMOS Sensor		
Min. Illumination	0.006Lux (Color), 0Lux (IR on)		
Illumination Distance	30 m (IR light), 30 m (Warm Light)		
Strobe Light	N/A		
Focal Length	2.8 mm @ F1.6		
FOV	Horizontal: 110° , Vertical: 60° , Diagonal: 133°		Horizontal: 102° , Vertical: 56° , Diagonal: 121 °
Video Compression	H.264/H.264+/H.265/H.265+/MJPEG		H.264/H.264+/H.265/H.265+/MJPEG (substream support)
Triple Streams	Support		
Wide Dynamic Range	120 dB		
Basic Event	Smart Motion Detection (human and vehicle), Video Shelter		
Smart Event	Line Crossing Detection, Area Intrusion, Region Entrance, Region Exiting (human and vehicle), Fast Moving		
Face Detection	N/A		
On-board Storage	Up to 256GB		
MIC	Support		
Speaker	N/A		
Audio I/O	N/A		
Alarm I/O	N/A		
Operating Conditions	-30° C ~ 60° C (-22° F ~ 140° F), Humidity 95% or less (non-condensing)		
Power Supply	DC12V ± 10%，PoE (802.3 af)		
Power Consumption	MAX. 6 W		
Protection Level	IP67		
Vandalproof	N/A	N/A	Metal
Dimensions	Φ 68 × 176.2 mm (2.67" × 6.93")	Φ 103.5 × 82.4 mm(4.07" × 3.24")	Φ 112 × 87.5 mm (4.41" × 3.44")

Model	QV-IPC714557C2E-TMLZ	QV-IPC714557E89-TMZ	QV-IPC714557U9E-TMLZ	QV-IPC716261B1ECR-FMUR16	QV-IPC716261T9BR-FMUR16
Appearance					
Max. Image Resolution	5MP (2880 x 1620) @ 25fps			2MP (1920 × 1080) @ 25fps	
Image Sensor	1/2.7" Progressive Scan CMOS Sensor			1/2.9" Progressive Scan CMOS Sensor	
Min. Illumination	0.006Lux (Color), 0Lux (IR on)			0.008Lux (Color), 0Lux (IR on)	
Illumination Distance	50 m (IR Light)	30 m (IR Light)	40 m (IR Light)	30 m (IR Light), 30 m (WarmLight)	
Strobe Light	Support	N/A	Support	N/A	
Focal Length	Motorized Varifocal lens, 2.7 ~ 13.5 mm			2.8/3.6 mm @ F1.6	
FOV	Horizontal: 110° ~ 38° , Vertical: 58° ~ 21° , Diagonal: 130° ~ 42°			2.8 mm @ F1.6 Horizontal: 100° , Vertical: 55° , Diagonal: 120° 3.6 mm @ F1.6 Horizontal: 84° , Vertical: 43° , Diagonal: 100°	
Video Compression	H.264/H.264+/H.265/H.265+				
Triple Streams	Support			N/A	
Wide Dynamic Range	WDR & DWDR			DWDR	
Basic Event	Smart Motion Detection (human and vehicle), Video Shelter			Smart Motion Detection (human)	
Smart Event	Line Crossing, Area Intrusion, Region Entrance, Region Exiting, Fast Moving			Line Crossing, Area Intrusion, Region Entrance, Region Exiting (human classification)	
Face Detection	N/A				
On-board Storage	Up to 128GB				
MIC	Support				
Audio I/O	N/A				
Alarm I/O	N/A				
Operating Conditions	-30° C ~ 60° C (-22° F ~ 140° F), Humidity 95% or less (non-condensing)				
Power Supply	DC12V ± 10%，PoE (802.3 af)				
Power Consumption	MAX. 9 W	MAX. 7 W	MAX. 9 W	MAX. 5.6 W	
Protection Level	IP67				
Vandalproof	N/A	IK10	N/A	N/A	
Dimensions	Φ 68 × 176.2 mm (2.67" × 6.93")	Φ 103.5 × 82.4mm (4.07" × 3.24")	Φ 140 × 104.7 mm (5.51" × 4.12")	Φ 66.8 × 179.5 mm (2.63" × 7.06")	Φ 103.5 × 83.6 mm (4.07" × 3.29")

NVR Ultra Series

The Qualvision Ultra Series NVRs offer superior storage and robust recording capabilities. They enable video decoding and output in up to 8K resolution, thanks to advanced hardware and powerful 8-core SOCs (RA series). The Ultra Series is the ideal option for professional surveillance projects.

Key features

- Supports up to 128CH access and accommodates 16 HDDs for storage.
- Decodes up to 8 channels in 4K, 16 channels in 4M, or 32 channels in 1080p
- Provides RAID 0, RAID 1, RAID 5, and N+1 hot spare support, enhancing data storage reliability and reducing the risk of data loss
- Features dual 2.5Gbps network connectivity and supports four independent HDMI displays
- Offers up to 1Gbps bandwidth
- Future plans include support for AI functions on the NVR side, streamlining operations
- This optimized expression highlights the NVR's key features and benefits concisely

Model	NVR6RA128P-Y1X2	NVR6B64P-Y1X1
Appearance		
IP Video Input	128-ch	64-ch
Audio Input	1-ch, RCA	
Audio Output	2-ch, RCA	
Compression	H.265+/H.265/H.264+/H.264	
Resolution	12MP/8MP/5MP/4MP/3MP/1080P/720P/D1/CIF /QCIF	
Decoding Capability	32-ch 1080P@30fps 16-ch 4Mp@30fps 8-ch 8Mp@30fps 5-ch 12Mp@30fps	16-ch @ 1080P
Smart Motion Detection（by camera）	Support	
Perimeter Protection（by Camera）	Support	
Cloud Storage	Support	
Cloud Upgrade	Support	
Incoming Bandwidth	1024Mbps(without raid) / 512Mbps（raid）	320Mbps
Outgoing Bandwidth	800Mbps(without raid) / 400Mbps（raid）	256Mbps
Ethernet	2x2.5GE self-adaptive Ethernet interface	2xRJ-45 10/100/1000Mbps self-adaptive Ethernet interface
SATA	8 SATA interfaces	16 SATA interfaces
Capacity	Up to 22TB capacity for each HDD	Up to 12TB capacity for each HDD
USB Interface	Front panel: 2 × USB 2.0, Rear panel: 2 × USB 3.0	Front panel: 2 × USB 2.0, Rear panel: 1 × USB 3.0
Power Consumption	≤ 20W(without HDD)	≤ 30W(without HDD)
Dimension (W × D × H)	437 × 484 × 143 mm (17.19" × 19.03" × 5.63")	

Model	NVR6RA128P-W18	NVR6RA64P-W18
Appearance		
IP Video Input	128-ch	64-ch
Audio Input	1-ch, RCA	
Audio Output	2-ch, RCA	
Compression	H.265+/H.265/H.264+/H.264	
Resolution	12MP/8MP/5MP/4MP/3MP/1080P/720P/D1/CIF /QCIF	
Decoding Capability	32-ch 1080P@30fps 16-ch 4Mp@30fps 8-ch 8Mp@30fps 5-ch 12Mp@30fps	
Smart Motion Detection（by camera）	Support	
Perimeter Protection（by Camera）	Support	
Cloud Storage	Support	
Cloud Upgrade	Support	
Incoming Bandwidth	1024Mbps(without raid) / 512Mbps（raid）	
Outgoing Bandwidth	800Mbps(without raid) / 400Mbps（raid）	
Ethernet	2x2.5GE self-adaptive Ethernet interface	
SATA	8 SATA interfaces	
Capacity	Up to 22TB capacity for each HDD	
USB Interface	Front panel: 2 × USB 2.0, Rear panel: 2 × USB 3.0	
Power Consumption	≤ 20W(without HDD)	
Dimension (W × D × H)	440 × 452 × 90 mm (17.32" × 17.79" × 3.54")	

Model	NVR6B64P-W16	NVR6B32P-W16
Appearance		
IP Video Input	64-ch	32-ch
Audio Input	1-ch, RCA	
Audio Output	2-ch, RCA	
Compression	H.265+/H.265/H.264+/H.264	
Resolution	12MP/8MP/5MP/4MP/3MP/1080P/720P/D1/CIF /QCIF	
Decoding Capability	16-ch @ 1080P	
Smart Motion Detection（by camera）	Support	
Perimeter Protection（by Camera）	Support	
Cloud Storage	Support	
Cloud Upgrade	Support	
Incoming Bandwidth	320Mbps	256Mbps
Outgoing Bandwidth	256Mbps	
Ethernet	2xRJ-45 10/100/1000Mbps self-adaptive Ethernet interface	
SATA	8 SATA interfaces	
Capacity	Up to 12TB capacity for each HDD	
USB Interface	Front panel: 2 × USB 2.0, Rear panel: 1 × USB 3.0	
Power Consumption	AC100 ~ 240V	≤ 30W (without HDD)
Dimension (W × D × H)	440 × 452 × 90 mm (17.32" × 17.79" × 3.54")	

NVR Pro Series

Qualvision Pro Series NVRs offer exceptional performance and value, delivering efficient bandwidth and storage management. These NVRs feature plug-and-play functionality, allowing easy access to IP cameras and supporting a wide range of smart camera-side functions. Additionally, in the near future, this series will introduce advanced intelligence features on the NVR side. The Pro Series is the perfect solution for small to medium-sized businesses.

Key features

- Rapid target search
- Up to 4 channels of 4K or 16 channels of 1080p decoding
- Long-distance network transmission, reaching up to 300 meters
- Dual 1000Mbps network ports and dual HDMI display support
- Compatibility with people counting cameras, PTZ cameras, fisheye cameras, dual-lens cameras, and POS text overlay

Model	NVR6CB32PP-V15	NVR6CB16PP-V15
Appearance		
IP Video Input	32-ch	16-ch
Audio Input	1-ch, RCA (Linear, 1kΩ)	
Audio Output	1-ch, RCA (Linear, 1kΩ)	
Compression	H.265+/H.265/H.264+/H.264	
Resolution	12MP/8MP/5MP/4MP/3MP/1080P/720P/D1/CIF/QCIF	
Decoding Capability	2-ch @ 12M 20fps 4-ch @ 8M 30fps 6-ch @ 5M 30fps 8-ch @ 4M 30fps	2-ch @ 12M 20fps 4-ch @ 8M 30fps 6-ch @ 5M 30fps 8-ch @ 4M 30fps 16-ch @ 1080P 30fps
Smart Motion Detection（by camera）	Support	
Perimeter Protection（by Camera）	Support	
Cloud Storage	Support	
Cloud Upgrade	Support	
Incoming Bandwidth	256Mbps	160Mbps
Outgoing Bandwidth	256Mbps	
Ethernet	1 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface	
SATA	4 SATA interfaces	
Capacity	Up to 18TB capacity for each HDD	
POE Port	16 independent 10/100 Mbps PoE Ethernet interfaces	
USB Interface	Front panel: 2 × USB 2.0, Rear panel: 1 × USB 3.0	
Power Consumption	≤ 20W (without HDD and POE)	
Dimension (W × D × H)	440 × 448 × 70 mm (17.32" × 17.64" × 2.76")	

Model	NVR6CB32PP-N1G	NVR6CB16PP-N1G	NVR6CB32P-V16
Appearance			
IP Video Input	32-ch	16-ch	32-ch
Audio Input	1-ch, RCA (Linear, 1kΩ)		1-ch, RCA
Audio Output	1-ch, RCA (Linear, 1kΩ)		2-ch, RCA
Compression	H.265+/H.265/H.264+/H.264		
Resolution	12MP/8MP/5MP/4MP/3MP/1080P/720P/D1/CIF/QCIF		
Decoding Capability	16-ch @ 1080P-H.265 & 15-ch @ 1080P-H.264 6-ch @ 5M 4-ch @ 8M 2-ch @ 12M		2-ch @ 12M 20fps 4-ch @ 8M 30fps 6-ch @ 5M 30fps 8-ch @ 4M 30fps 16-ch @ 1080P 30fps
Smart Motion Detection（by camera）	Support		
Perimeter Protection（by Camera）	Support		
Cloud Storage	Support		
Cloud Upgrade	Support		
Incoming Bandwidth	256Mbps	160Mbps	256Mbps
Outgoing Bandwidth	256Mbps		
Ethernet	1 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface		2 x RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface
SATA	2 SATA interfaces		4 SATA interfaces
Capacity	Up to 18TB capacity for each HDD		
POE Port	16 independent 10/100 Mbps PoE Ethernet interfaces		N/A
USB Interface	Front panel: 1 × USB 2.0, Rear panel: 1 × USB 3.0		
Power Consumption	≤ 15W (without HDD)		≤ 20W (without HDD)
Dimension (W × D × H)	380 × 305 × 45 mm (14.96" × 12.00" × 1.77")		440 × 448 × 70 mm (17.32" × 17.64" × 2.76")

Model	NVR6CB32P-N13	NVR6CB16P-N13	NVR6CB08P-N13
Appearance			
IP Video Input	32-ch	16-ch	8-ch
Audio Input	1-ch, RCA		
Audio Output	1-ch, RCA		
Compression	H.265+/H.265/H.264+/H.264		
Resolution	12MP/8MP/5MP/4MP/3MP/1080P/720P/D1/CIF/QCIF		
Decoding Capability	16-ch @ 1080P-H.265 & 15-ch @ 1080P-H.264 6-ch @ 5M 4-ch @ 8M 2-ch @ 12M		8-ch @ 1080P 6-ch @ 5M 4-ch @ 8M 2-ch @ 12M
Smart Motion Detection（by camera）	Support	N/A	
Perimeter Protection（by Camera）	Support	N/A	
Cloud Storage	Support		
Cloud Upgrade	Support		
Incoming Bandwidth	256Mbps	160Mbps	80Mbps
Outgoing Bandwidth	256Mbps		
Ethernet	1 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface		
SATA	2 SATA interfaces		
Capacity	Up to 18TB capacity for each HDD		
POE Port	N/A		
USB Interface	Front panel: 1 × USB 2.0, Rear panel: 1 × USB 3.0		
Power Consumption	≤ 10W (without HDD)		
Dimension (W × D × H)	380 × 305 × 45 mm (14.96" × 12.00" × 1.77")		

NVR Value Series

Qualvision Value Series NVRs offer a cost-effective solution for customers, prioritizing simplicity in video recording, live viewing, and playback.

Key features

- Budget-friendly pricing
- Support for up to 1 channel of 4K, 3 channels of 4MP, or 6 channels of 1080p decoding
- Plug-and-play functionality for PoE (Power over Ethernet) devices
- User-friendly and easy to operate

Model	NVR6CK16PP-N1D	NVR6CK08PP-M1E
Appearance		
IP Video Input	16-ch	8-ch
Audio Input	1-ch, RCA	
Audio Output	1-ch, RCA	
Compression	H.265+/H.265/H.264+/H.264	
Resolution	12MP/8MP/5MP/4MP/3MP/1080P/720P/D1/CIF/QCIF	
Decoding Capability	8-ch @ 1080P 3-ch @ 5M 2-ch @ 8M 1-ch @ 12M	
Smart Motion Detection（by camera）	Support	
Perimeter Protection（by Camera）	Support	
Cloud Storage	Support	
Cloud Upgrade	Support	
Incoming Bandwidth	160Mbps	80Mbps
Outgoing Bandwidth	80Mbps	
Ethernet	1 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface	
SATA	2 SATA interfaces	1 SATA interface
Capacity	Up to 14TB capacity for each HDD	
POE Port	16 independent 10/100 Mbps PoE Ethernet interfaces	8 independent 10/100 Mbps PoE Ethernet interfaces
USB Interface	Front panel: 1 × USB 2.0, Rear panel: 1 × USB 2.0	
Power Consumption	≤ 15W (without HDD and POE)	
Dimension (W × D × H)	380 × 305 × 45 mm (14.96" × 12.00" × 1.77")	315 × 240 × 45 mm (12.40" × 9.44" × 1.77")

Model	NVR6CK04PP-M1F	NVR7CK16P-G1L
Appearance		
IP Video Input	4-ch	16-ch
Audio Input	1-ch, RCA	
Audio Output	1-ch, RCA	
Compression	H.265+/H.265/H.264+/H.264	
Resolution	12MP/8MP/5MP/4MP/3MP/1080P/720P/D1/CIF/QCIF	
Decoding Capability	4-ch @ 1080P 3-ch @ 5M 2-ch @ 8M 1-ch @ 12M	8-ch @ 1080P 3-ch @ 5M 2-ch @ 8M 1-ch @ 12M
Smart Motion Detection（by camera）	Support	
Perimeter Protection（by Camera）	Support	
Cloud Storage	Support	
Cloud Upgrade	Support	
Incoming Bandwidth	40Mbps	160Mbps
Outgoing Bandwidth	80Mbps	
Ethernet	1 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface	
SATA	1 SATA interface	2 SATA interfaces
Capacity	Up to 14TB capacity for each HDD	
POE Port	4 independent 10/100 Mbps PoE Ethernet interfaces	N/A
USB Interface	Front panel: 1 × USB 2.0, Rear panel: 1 × USB 3.0	
Power Consumption	≤ 10W (without HDD)	
Dimension (W × D × H)	315 × 240 × 45 mm (12.40" × 9.44" × 1.77")	326 × 243 × 52 mm (12.83" × 9.56" × 2.05")

Model	NVR7CK16P-D58E	NVR7CK08P-D58E	NVR7CK04P-D58E
Appearance			
IP Video Input	16-ch	8-ch	4-ch
Audio Input	1-ch, RCA		
Audio Output	1-ch, RCA		
Compression	H.265+/H.265/H.264+/H.264		
Resolution	12MP/8MP/5MP/4MP/3MP/1080P/720P/D1/CIF/QCIF		
Decoding Capability	8-ch @ 1080P 3-ch @ 5M 2-ch @ 8M 1-ch @ 12M		4-ch @ 1080P 3-ch @ 5M 2-ch @ 8M 1-ch @ 12M
Smart Motion Detection（by camera）	Support		N/A
Perimeter Protection（by Camera）	Support		N/A
Cloud Storage	Support		
Cloud Upgrade	Support		
Incoming Bandwidth	160Mbps	80Mbps	40Mbps
Outgoing Bandwidth	80Mbps		
Ethernet	1 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface		
SATA	1 SATA interface		
Capacity	Up to 14TB capacity for each HDD		
POE Port	N/A		
USB Interface	Front panel: 1 × USB 2.0, Rear panel: 1 × USB 2.0		
Power Consumption	≤ 10W (without HDD)		
Dimension (W × D × H)	250 × 230 × 45 mm (9.84" × 9.06" × 1.77")		

UVC Pro Series

The Qualvision Pro Series UVCs are ideal for SMB solutions and projects demanding top-notch reliability and flexibility. These cameras boast true WDR, ensuring clear and detailed images even in challenging lighting conditions. Moreover, the series offers models that deliver full-color images day and night.

Key features

- Up to 4K high-quality imaging
- True WDR for superior image quality
- 24/7 availability of full-color imaging
- 4-in-1 video output for versatile connectivity
- Audio over coaxial for enhanced functionality

Model	QV-UVC84B1E	QV-UVC84T9B	QV-UVC84D81
Appearance			
Max. Image Resolution	8MP（3840 × 2160）@ 15fps		
Image Sensor	1/2.8" CMOS Sensor		
Min. Illumination	0.1Lux @ (F1.2, AGC ON), 0Lux with IR lights on		
Illumination Distance	30M（IR Light）	30M（IR Light）	20M（IR Light）
Focal Length	2.8 mm/3.6mm fixed lens		
FOV	2.8 mm： horizontal: 109° , vertical: 63° , diagonal: 125°		
	3.6 mm： horizontal: 92° , vertical: 51° , diagonal: 105°		
Video Output	AHD/TVI/CVI/CVBS		
Mic	N/A		
Noise Reduction	3D DNR		
Day & Night	EXT/Auto/Color/B&W		
WDR	WDR		
IP Rating	IP67		
Housing Material	Metal		
Power Supply	DC12V (±10%)		
Power Consumption	< 5W		
Working Temperature / Humidity	- 40 ~ +60, RH95% MAX		
Dimensions(W×D×H)	Φ 68 × 169.3 mm (2.67" × 6.67")	Φ 103.5 × 82.4 mm (4.07" × 3.24")	Φ 114 × 89.6 mm (4.49" × 3.53")

Model	QV-UVC84C2E-Z	QV-UVC84U9E-Z	QV-UVC84E88-Z
Appearance			
Max. Image Resolution	8MP（3840 × 2160）@ 15fps		
Image Sensor	1/2.8" CMOS Sensor		
Min. Illumination	0.1Lux @ (F1.2, AGC ON), 0Lux with IR lights on		
Illumination Distance	60M（IR Light）	60M（IR Light）	30M（IR Light）
Focal Length	2.7 ~ 13.5 motorized lens		
FOV	Horizontal: 112° ~ 34° , Vertical: 60° ~ 22° , Diagonal: 127° ~ 40°		
Video Output	AHD/TVI/CVI/CVBS		
Mic	N/A		
Noise Reduction	3D DNR		
Day & Night	EXT/Auto/Color/B&W		
WDR	120dB true WDR	120dB true WDR	WDR
IP Rating	IP67		
Housing Material	Metal		
Power Supply	DC12V (±10%)		
Power Consumption	< 12W		
Working Temperature / Humidity	- 40 ~ +60, RH95% MAX		
Dimensions(W×D×H)	Φ 76 × 218.9 mm (3.0" × 8.6")	Φ 140 × 104.7 mm (5.51" × 4.12")	Φ 137.9 × 119.3 mm (5.43" × 4.70")

Model	QV-UVC61B1E	QV-UVC61T9B	QV-UVC61D81
Appearance			
Max. Image Resolution	5MP（2592 × 1944）@ 20fps		
Image Sensor	1/2.8" CMOS Sensor		
Min. Illumination	0.1Lux @ (F1.2, AGC ON), 0Lux with IR lights on		
Illumination Distance	30M（IR Light）	30M（IR Light）	20M（IR Light）
Focal Length	2.8 mm/3.6mm fixed lens		
FOV	2.8 mm: Horizontal: 98° , Vertical: 73° , Diagonal: 123° 3.6 mm: Horizontal: 80° , Vertical: 68° , Diagonal: 106°		
Video Output	AHD/TVI/CVI/CVBS		
Mic	N/A		
Noise Reduction	3D DNR		
Day & Night	EXT/Auto/Color/B&W		
WDR	120dB true WDR		
IP Rating	IP67		
Housing Material	Metal		
Power Supply	DC12V (±10%)		
Power Consumption	< 8W	< 8W	< 5W
Working Temperature / Humidity	- 40 ~ +60, RH95% MAX		
Dimensions(W×D×H)	Φ 68 × 169.3 mm (2.67" × 6.67")	Φ 103.5 × 82.4 mm (4.07" × 3.24")	Φ 114 × 89.6 mm (4.49" × 3.53")

Model	QV-UVC61C2E-Z	QV-UVC61U9E-Z	QV-UVC61E88-Z
Appearance			
Max. Image Resolution	5MP（2592 × 1944）@ 20fps		
Image Sensor	1/2.8" Sony CMOS Sensor		
Min. Illumination	0.1Lux @ (F1.2, AGC ON), 0Lux with IR lights on		
Illumination Distance	60M（IR Light）	60M（IR Light）	30M（IR Light）
Focal Length	2.7 ~ 13.5 motorized lens		
FOV	Horizontal: 94° ~ 30° , Vertical: 70° ~ 24° , Diagonal: 117° ~ 38°		
Video Output	AHD/TVI/CVI/CVBS		
Mic	N/A		
Noise Reduction	3D DNR		
Day & Night	EXT/Auto/Color/B&W		
WDR	120dB true WDR		
IP Rating	IP67		
Housing Material	Metal		
Power Supply	DC12V (±10%)		
Power Consumption	< 12W		
Working Temperature / Humidity	- 40 ~ +60℃ , RH95% MAX		
Dimensions(W×D×H)	Φ 76 × 218.9 mm (3.0" × 8.6")	Φ 140 × 104.7 mm (5.51" × 4.12")	Φ 137.9 × 119.3 mm (5.43" × 4.70")

Model	QV-UVC93B1ER-C10	QV-UVC93T9BR-C10	QV-UVC77B1ER-C10	QV-UVC77T9BR-C10
Appearance				
Max. Image Resolution	5MP（2592 × 1944）@ 20fps		2MP（1920 × 1080）@25fps	
Image Sensor	1/2.7" CMOS Sensor		1/2.9" CMOS Sensor	
Min. Illumination	0.1Lux @ (F1.2, AGC ON), 0Lux with IR lights on			
Illumination Distance	20M（IR Light）			
Focal Length	2.8 mm/3.6mm fixed lens			
FOV	2.8 mm: Horizontal: 110° , Vertical: 60° , Diagonal: 126°		2.8 mm: Horizontal: 104° , Vertical: 56° , Diagonal: 120°	
	3.6 mm: Horizontal: 90° , Vertical: 50° , Diagonal: 103°		3.6 mm: Horizontal: 84° , Vertical: 46° , Diagonal: 96°	
Video Output	AHD/TVI/CVI/CVBS			
Mic	N/A			
Noise Reduction	2D DNR		2D/3D DNR	
Day & Night	Full color			
WDR	D-WDR			
IP Rating	IP67			
Housing Material	Metal + Plastic			
Power Supply	DC12V (±10%)			
Power Consumption	< 8W			
Working Temperature / Humidity	- 40 ~ +60℃ , RH95% MAX			
Dimensions(W×D×H)	Φ 66.8 × 179.5 mm (2.63" × 7.06")	Φ 103.5 × 83.6 mm (4.07" × 3.29")	Φ 66.8 × 179.5 mm (2.63" × 7.06")	Φ 103.5 × 83.6 mm (4.07" × 3.29")

UVC Value Series

Qualvision Value Series UVCs offer simple and highly cost-effective HD solutions,meeting the requirement of 24/7 reliable monitoring with high-quality image performance, and saving budget for customers on both devices and labor. Its structural flexibility and high cost-performance makes the camera an ideal choice for SMB solutions.

Key features

- Cost-effective saving your budget
- 24/7 full-color available
- Smart dual light available
- 4-in-1 video output
- Audio over coaxial

Model	QV-UVC93B1ER-MC16	QV-UVC93T9BR-MC16	QV-UVC86B1ER-MU16	QV-UVC86T9BR-MU16	QV-UVC101B41P	QV-UVC101T41P
Appearance						
Max. Image Resolution	5MP（2592 × 1944）@ 20fps		2MP (1920 x 1080) @25fps		2MP（1920 × 1080）@25fps	
Image Sensor	1/2.7" CMOS Sensor		1/2.9" CMOS Sensor		1/3" CMOS Sensor	
Min. Illumination	0.1Lux @ (F1.2, AGC ON), 0Lux with IR lights on					
Illumination Distance	20M（Warm Light）		20M (Warm Light), 30M (IR Light)		20M（IR Light）	
Focal Length	2.8 mm/3.6mm fixed lens					
FOV	2.8 mm: Horizontal: 110° , Vertical: 60° , Diagonal: 126°		2.8mm: Horizontal: 104° ,Vertical: 56° , Diagonal: 120°		2.8 mm: Horizontal: 100° , Vertical: 54° , Diagonal: 118°	
	3.6 mm: Horizontal: 90° , Vertical: 50° , Diagonal: 103°		3.6mm: Horizontal: 84° ,Vertical: 46° , Diagonal: 96°		3.6 mm: Horizontal: 77° , Vertical: 43° , Diagonal: 90°	
Video Output	AHD/TVI/CVI/CVBS					
Mic	Support (only in TVI mode)				N/A	
Noise Reduction	2D DNR				2D/3D DNR	
Day & Night	Full color		AUTO&WL-IR/AUTO&IR MODE/COLOR&AUTO WL/ COLOR&WL MODE/BW&IR MODE		EXT/Auto/Color/B&W	
WDR	D-WDR				D-WDR	
IP Rating	IP67				IP67	N/A
Housing Material	Metal + Plastic				Plastic	
Power Supply	DC12V (±10%)					
Power Consumption	< 8W		< 5W		< 5W	
Working Temperature / Humidity	- 40 ~ +60℃ , RH95% MAX		- 20 ~ +50℃ , RH95% MAX		- 20 ~ +50℃ , RH95% MAX	
Dimensions(W×D×H)	Φ 66.8 × 179.5 mm (2.63" × 7.06")	Φ 103.5 × 83.6 mm (4.07" × 3.29")	Φ 66.8 × 179.5 mm (2.63" × 7.06")	Φ 103.5 × 83.6 mm (4.07" × 3.29")	Φ 69.8 × 154.0 mm (2.74" × 6.06")	Φ 84 × 68 mm (3.31" × 2.68")

UVR Pro Series

Qualvision Pro Series UVRs support 4K HD video recording, 4K resolution output, and adopt deep learning technology. They support smart motion detection, perimeter protection, face detection, etc. The Pro Series is the ideal solution for distribution and small to medium-sized businesses.

Key features

- Smart Motion Detection with human and vehicle classification
- 5-in-1 adaptive signal input (TVI/AHD/CVI/CVBS/IP)
- Network camera access capability
- Ultra HD, compatible with cameras of up to 4K resolution
- Audio over coaxial

Model	UVR6TCF16AQ-N1C2	UVR6TCG08AQ-N57	UVR6TCG08AQ-M181	UVR6TAB04AQ-M15
Appearance				
Analog Video Input	16-ch	8-ch		4-ch
IP video Input	Up to 20-ch	Up to 16-ch		Up to 8-ch
	Up to 8MP resolution			
Audio Input	4-ch, RCA (2.0 Vp-p, 1 KΩ)			
	16-ch via coaxial cable	8-ch via coaxial cable		4-ch via coaxial cable
Bandwidth	128Mbps	160Mbps		80Mbps
HDMI	1-ch, resolution: 4K (3840 × 2160)/30 Hz, 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60Hz			
VGA	1-ch, resolution: 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz			
Audio Output	1-ch, RCA (Linear, 1kΩ)			
Encoding Resolution	8MP/5MP/4MP/1080P/1080P Lite/720P/960H/D1			
Resolution	8MP @ 7fps, 8MP-N @ 15fps, 5MP @ 12fps, 4MP @ 15fps, 1080P/720P/960H/D1 @ 25fps (P) /30fps (N)			
Smart Motion Detection Plus	16-ch based on human and vehicle	8-ch based on human and vehicle		4-ch based on human and vehicle
Perimeter Protection	4-ch based on human and vehicle	4-ch based on human and vehicle		2-ch based on human and vehicle
Smart Detection for Analog	4-ch Line Crossing Detection, Intrusion Detection , 4-ch Face Detection	2-ch Line Crossing Detection, Intrusion Detection 2-ch Face Detection		
Ethernet	1 RJ-45 10 /100/1000 Mbps self-adaptive Ethernet interface			1 RJ-45 10/100 Mbps self-adaptive Ethernet interface
SATA	2 SATA interfaces		1 SATA interface	
Capacity	Up to 8TB capacity for each HDD			
Serial Interface	1 × Standard RS-485 (half-duplex)			
USB Interface	Front panel: 1 × USB 2.0 Rear panel: 1 × USB 3.0			Front panel: 1 × USB 2.0 Rear panel: 1 × USB 2.0
Alarm Input	16-ch	8-ch	4-ch	4-ch
Alarm Output	4-ch		1-ch	
Power Supply	DC12V, 5A		DC12V, 2A	
Power Consumption	≤ 20W (without HDD)	≤ 10W (without HDD)		
Working Environment	-10° C ~ 55° C (14° F ~ 131° F) ; Humidity 10% to 90%			
Dimension (W × D × H)	380 × 305 × 45 mm (14.96" ×12.00 " × 1.77")	380 × 305 × 45 mm (14.96" ×12.00 " × 1.77")	315 × 242 × 45 mm (12.40" × 9.54" × 1.78")	315 × 240 × 45 mm (12.40" × 9.44" × 2.12")
Weight (without HDD)	2.8 kg (6.17 lb)		2.1 kg (4.6 lb)	

UVR Value Series

Qualvision Value Series UVRs offer cost-effective and high-quality video security. They deliver high-quality video monitoring with H.265 Pro+ and H.265 compression technologies, up to 5 MP HD encoding ability, and great durability. In addition, UVRs can support smart motion detection and perimeter protection even if not supported by cameras.

Key features

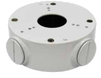
- Smart Motion Detection with human and vehicle classification
- 5-in-1 Adaptive signal input(TVI/AHD/CVI/CVBS/IP)
- Network camera access capability
- Ultra HD, compatible with cameras of up to 4K resolution
- Audio over coaxial

Model	UVR7TCG16AH-G1C5	UVR7TCG16AH-D5C8
Appearance		
Analog Video Input	16-ch	
IP video Input	Up to 24-ch	
	Up to 5MP resolution	
Audio Input	4-ch RCA (2.0Vp-p, 1kΩ)	1-ch RCA (2.0Vp-p, 1kΩ)
	16-ch via coaxial cable	
Bandwidth	160Mbps	
HDMI	1-ch, resolution: 4K (3840 × 2160)/30Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz	
VGA	1-ch, resolution: 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz	
Audio Output	1-ch, RCA (Linear, 1kΩ)	
Encoding Resolution	5MP lite/4MP lite/1080P/1080P lite/720P/960H/D1/CIF	
Resolution	16-ch 5MP lite @ 12fps; 16-ch 4MP lite/1080P @15fps; 1080P lite @ 25fps; 720P/960H/D1/CIF real time	
Smart Motion Detection Plus	16-ch based on human and vehicle	
Perimeter Protection	2-ch based on human and vehicle	
Smart Detection for Analog	8-ch Line Crossing Detection, Intrusion Detection, 2-ch Face Detection	
Ethernet	1 RJ-45 10 /100/1000 Mbps self-adaptive Ethernet interface	
SATA	2 SATA interfaces	1 SATA interface
Capacity	Up to 8TB capacity for each HDD	
Serial Interface	1 × Standard RS-485 (half-duplex)	
USB Interface	Front panel: 1 × USB 2.0, Rear panel: 1 × USB 3.0	
Alarm Input	4-ch	N/A
Alarm Output	1-ch	N/A
Power Supply	DC12V, 4A	DC12V, 2A
Power Consumption	≤ 10W (without HDD)	
Working Environment	-10° C ~ 55° C (14° F ~ 131° F), Humidity 10% to 90%	
Dimension (W × D × H)	326 × 243 × 52 mm (12.83" × 9.56" × 2.05")	250 × 231 × 45 mm (9.84" × 9.11" × 1.77")
Weight (without HDD)	2.3 kg (5.07 lb)	1.5 kg (3.3 lb)

Model	UVR7TAB08AH-D58A	UVR7TAA04AH-D54G
Appearance		
Analog Video Input	8-ch	4-ch
IP video Input	Up to 10-ch	Up to 6-ch
	Up to 5MP resolution	
Audio Input	1-ch RCA (2.0Vp-p,1kΩ)	
	8-ch via coaxial cable	4-ch via coaxial cable
Bandwidth	80Mbps	
HDMI	1-ch, resolution: 1920 × 1080/60Hz, 1280 × 1024/60Hz ,1280 × 720/60Hz	
VGA	1-ch, resolution: 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz	
Audio Output	1-ch, RCA (Linear, 1kΩ)	
Encoding Resolution	5MP lite/4MP lite/1080P/1080P lite/720P/960H/D1/CIF	
Resolution	8-ch 5MP lite @ 10fps; 8-ch 4MP lite/1080P @ 15fps; 1080P lite @ 25fps; 720P/960H/D1/CIF real time	4-ch 5MP lite @ 10fps; 4-ch 4MP lite/1080P @ 15fps; 1080P Lite @ 25fps; 720P/960H/D1/CIF real time
Smart Motion Detection Plus	8-ch based on human and vehicle	4-ch based on human and vehicle
Perimeter Protection	1-ch based on human and vehicle	
Smart Detection for Analog	1-ch Line Crossing Detection, Area Intrusion Detection,1-ch Face Detection	
Ethernet	1 RJ-45 10/100 Mbps self-adaptive Ethernet interface	
SATA	1 SATA interface	
Capacity	Up to 8TB capacity for each HDD	
Serial Interface	N/A	
USB Interface	Front panel: 1 × USB 2.0, Rear panel: 1 × USB 2.0	
Alarm Input	N/A	
Alarm Output	N/A	
Power Supply	DC12V, 2A	
Power Consumption	≤ 10W (without HDD)	
Working Environment	-10° C ~ 55° C (14° F ~ 131° F), Humidity 10% to 90%	
Dimension (W × D × H)	250 × 231 × 45 mm (9.84" × 9.11" × 1.77")	250 × 233 × 45 mm (9.84" × 9.17" × 1.77")
Weight (without HDD)	1.3 kg (2.8 lb)	

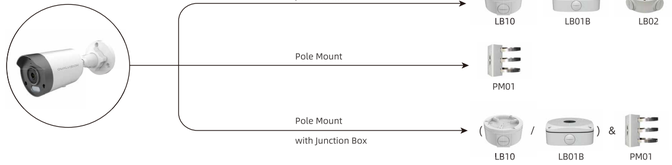
Model	UVR7TCA16AM-G1C3	UVR7TCA16AM-D5C6	UVR7TAA08AM-D58G	UVR7TAA04AM-D54G
Appearance				
Analog Video Input	16-ch		8-ch	4-ch
IP video Input	Up to 18-ch		Up to 10-ch	Up to 6-ch
	Up to 2MP resolution			
Audio Input	4-ch RCA (2.0Vp-p, 1kΩ)	1-ch RCA (2.0Vp-p, 1kΩ)		
	16-ch via coaxial cable		8-ch via coaxial cable	4-ch via coaxial cable
Bandwidth	64Mbps		60Mbps	30Mbps
HDMI	1-ch, resolution: 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz			
VGA	1-ch, resolution: 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz			
Audio Output	1-ch, RCA (Linear, 1kΩ)			
Encoding Resolution	1080P Lite/960H/D1/CIF			
Resolution	16-ch 1080P Lite @ 12fps; 960H/D1/CIF real time		4-ch 1080P lite @ 12fps; 960H1/D1/CIF real time	
Smart Motion Detection Plus	8-ch based on human and vehicle		4-ch based on human and vehicle	
Perimeter Protection	N/A			
Smart Detection for Analog	2-ch Line Crossing Detection, Area Intrusion Detection			1-ch Line Crossing Detection, Area Intrusion Detection
Ethernet	1 RJ-45 10/100 Mbps self-adaptive Ethernet interface			
SATA	2 SATA interfaces	1 SATA interface		
Capacity	Up to 8TB capacity for each HDD			
Serial Interface	N/A			
USB Interface	Front panel: 1 × USB 2.0, Rear panel: 1 × USB 2.0			
Alarm Input	N/A			
Alarm Output	N/A			
Power Supply	DC12V, 4A	DC12V, 2A		
Power Consumption	≤ 10W (without HDD)			
Working Environment	-10° C ~ 55° C (14° F ~ 131° F), Humidity 10% to 90%			
Dimension (W × D × H)	326 × 243 × 52 mm (12.83" × 9.56" × 2.05")	250 × 233 × 45 mm (9.84" × 9.17" × 1.77")	250 × 230 × 45 mm (9.84" × 9.11" × 1.77")	
Weight (without HDD)	2.3 kg (5.07 lb)	1.5 kg (3.3 lb)	1.5 kg (3.3 lb)	1.3 kg (3.3 lb)

ACCESSORIES

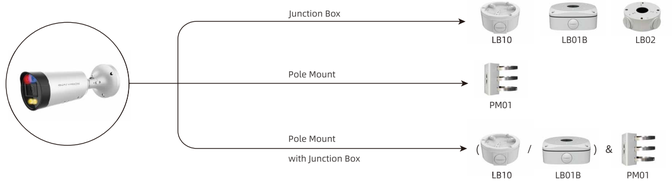
Junction Box					
LB01B	LB02	LB10 (JB02)	LB11 (D81)	LB10C	LB12 (JB04)
					

Wall Mounting Bracket					Pole Mounting Bracket	Pendent Mounting Bracket
LB13 (WM02)	LB14 (WM02-G)	LB14 v1.1	LB07 (WM04)	LB08 (WM04-G)	PM02 (PM02)	CMB02 (CM700)

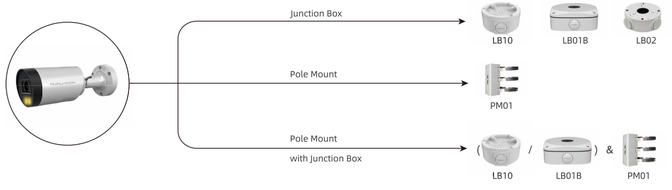
B1EC
B1E



B2G



B2C



C2C

Junction Box → LB10 LB01B LB02

Pole Mount → PM01

Pole Mount with Junction Box → (LB10 / LB01B) & PM01

B61

Junction Box → LB10 LB01B LB02

Pole Mount → PM01

Pole Mount with Junction Box → (LB10 / LB01B) & PM01

B1ER

Junction Box → LB10 LB01B LB02

Pole Mount → PM01

Pole Mount with Junction Box → (LB10 / LB01B) & PM01

B1ES

Junction Box → LB10 LB01B LB02

Pole Mount → PM01

Pole Mount with Junction Box → (LB10 / LB01B) & PM01

B1C

Junction Box → LB10 LB01B LB02

Pole Mount → PM01

Pole Mount with Junction Box → (LB10 / LB01B) & PM01

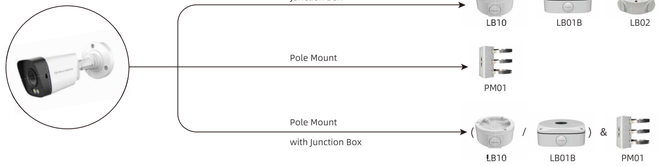
C2E

Junction Box → LB10 LB01B LB02

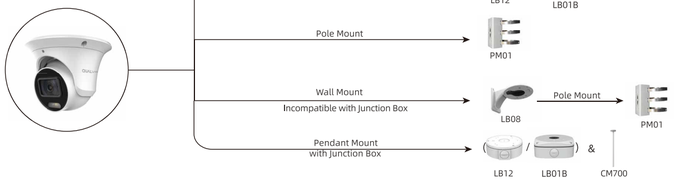
Pole Mount → PM01

Pole Mount with Junction Box → (LB10 / LB01B) & PM01

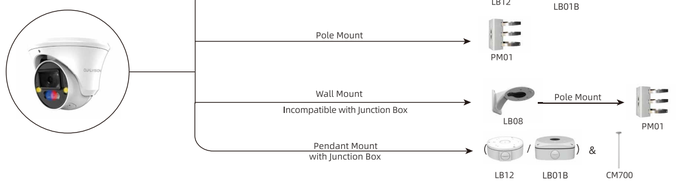
B41P



T9C



T9K



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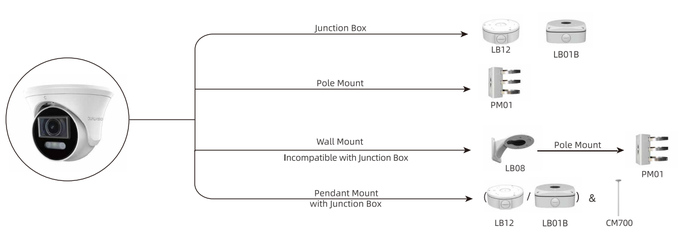

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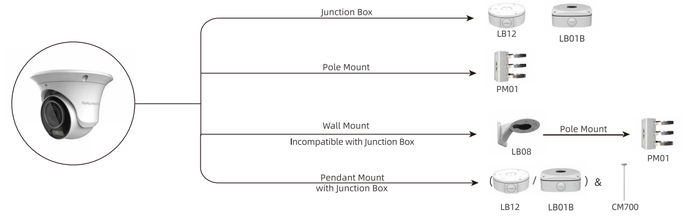

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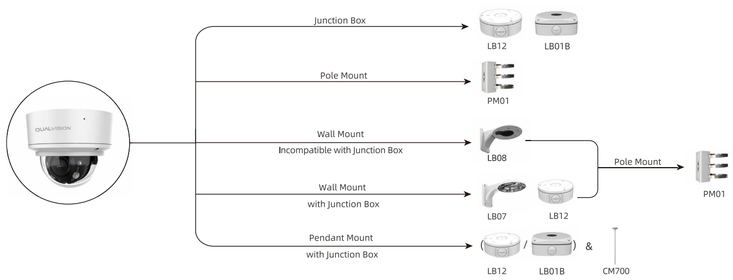

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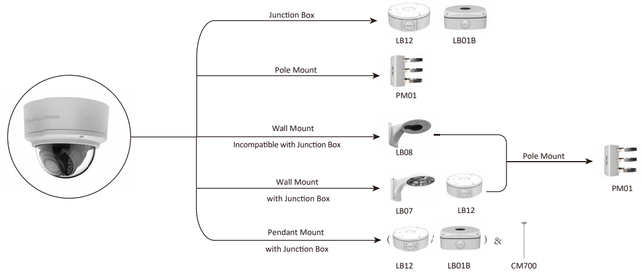

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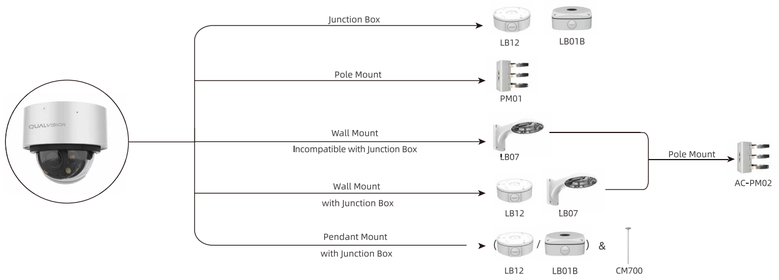

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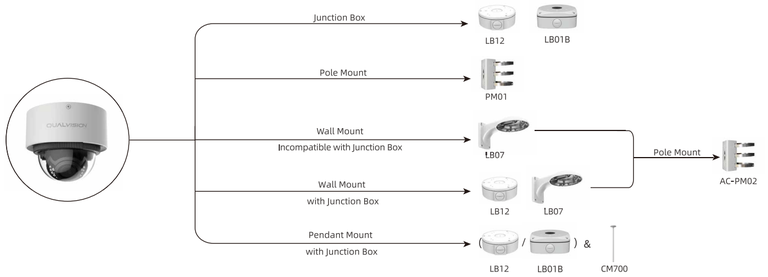
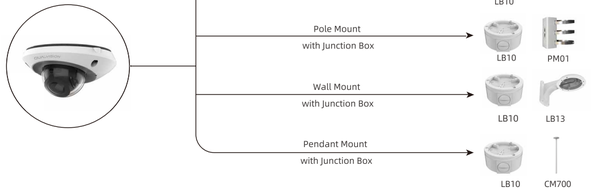
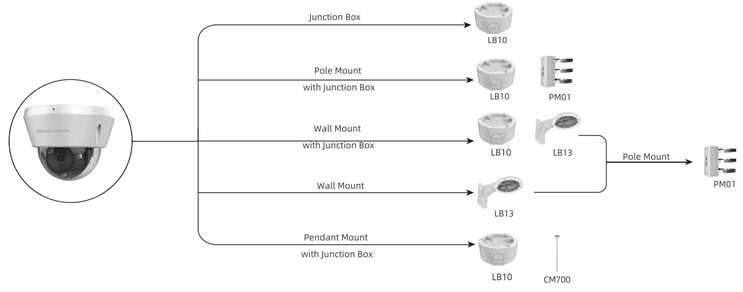


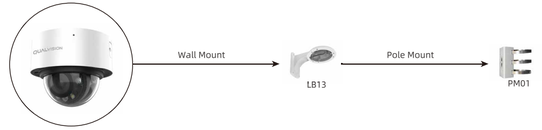
DF1R4
D78C



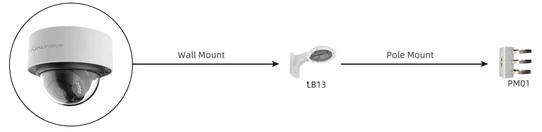
D8F
D8FC



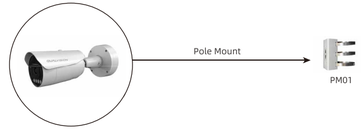
D81C



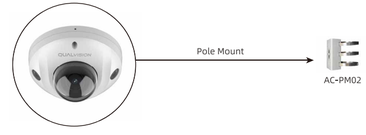
D81



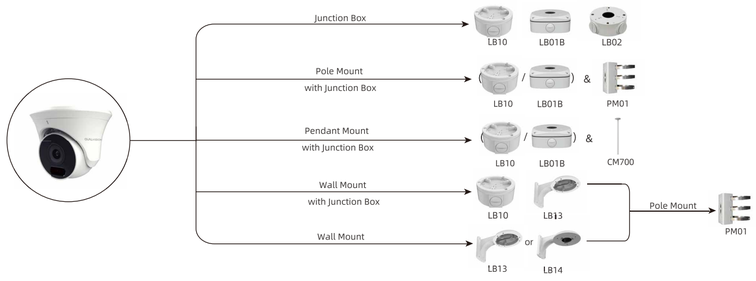
C2F



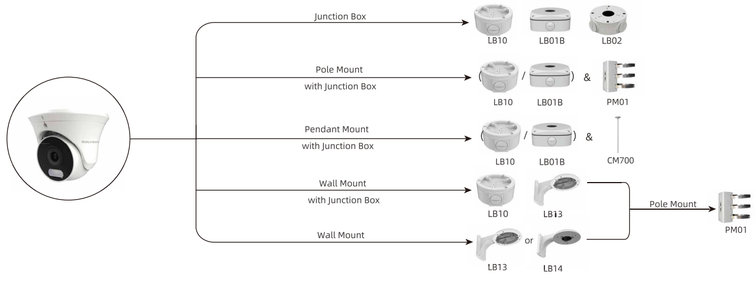
D77



T9BR


Junction Box
LB10
LB01B
LB02
Pole Mount
with Junction Box
LB10
/
LB01B
&
PM01
Pendant Mount
with Junction Box
LB10
/
LB01B
&
CM700
Wall Mount
with Junction Box
LB10
LB13
Pole Mount
PM01
Wall Mount
LB13
or
LB14

T9B


Junction Box
LB10
LB01B
LB02
Pole Mount
with Junction Box
LB10
/
LB01B
&
PM01
Pendant Mount
with Junction Box
LB10
/
LB01B
&
CM700
Wall Mount
with Junction Box
LB10
LB13
Pole Mount
PM01
Wall Mount
LB13
or
LB14

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