

WISeNET
SAMSUNG



WISeNET Q series

WISeNET Q series

We newly launch Wisenet Q series, an affordable product line offering simple but essential features ideal to secure small to medium sized applications. Find your compact camera solution with the professional Wisenet Q series.

Qualified compact cameras with essential features

- 2Megapixel to 4Megapixel resolution
- H.265 / H.264 codec
- Framerate Max. 20fps@4M, Max. 30fps@2M
- WiseStream
- Hallway view (Rotate 90°/270°)
- LDC (Lens Distortion Correction)
- True WDR (120dB)
- Motion detection, Defocus detection, Tampering
- Audio-in, Alarm-in/out support
- Edge storage (micro SD/SDHC/SDXC 128GB, NAS)
- PoE / DC dual power
- IP66/IK10 (Outdoor cameras)
- Compact design



Broad line-up of indoor and outdoor cameras

Wisenet Q series offers a wide range of indoor and outdoor Bullet / Dome / Vandal cameras to cover multiple application needs for retails, banks, residences, offices or transportation delivering crisp and clear image qualities.

	BULLET		DOME		IR VANDAL	
	Fixed IR	V/F IR	Fixed IR	V/F IR	Fixed IR	V/F IR
4MP	 QNO-7010R/7020R/7030R	 QNO-7080R	 QND-7010R/7020R/7030R	 QND-7080R	 QNV-7010R/7020R/7030R	 QNV-7080R
2MP	 QNO-6010R/6020R/6030R	 QNO-6070R	 QND-6010R/6020R/6030R	 QND-6070R	 QNV-6010R/6020R/6030R	 QNV-6070R

Improved bandwidth utilization with WiseStream, H.265

New Wisenet series camera's streaming performance is greatly enhanced by applying an advanced compression technology called WiseStream. WiseStream can reduce bandwidth by 50% by using dynamic GOV control technology, and used with high efficiency video coding(H.265). The bandwidth efficiency can reach up to a 75% savings as compared to other camera technologies.

* Wisenet Q & P series support WiseStream. Only Wisenet P series support 4K resolution. (Not Q series)



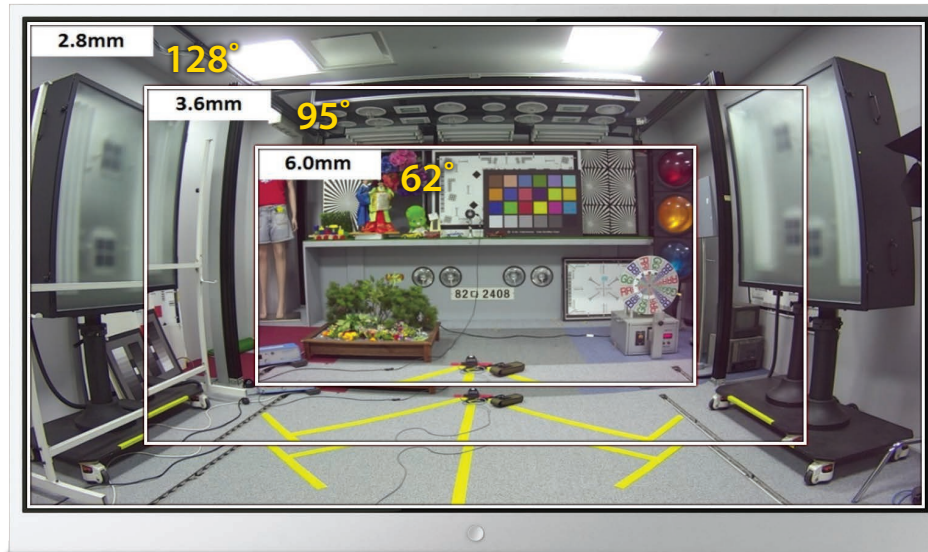
Defocus detection

The entire Wisenet Q series support defocus detection, which helps to realize when focus is out and greatly improved the efficiency of the operators. User can also adjust the optimal focus remotely via the network (4MP Varifocal product), greatly reducing the installation / optimization time of the camera.



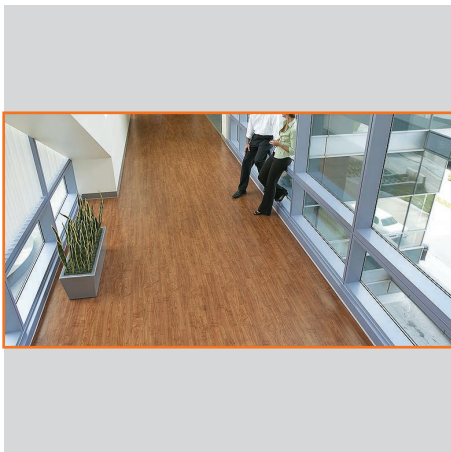
Various lens

The Wisenet Q series have the fixed lens range from 2.8mm to 6.0mm. If you want wide surveillance, you can use our 2.8mm lens model and if the surveillance object is small or located far away from the camera, you can use our 6.0mm lens model. So you can choose camera as your needs.

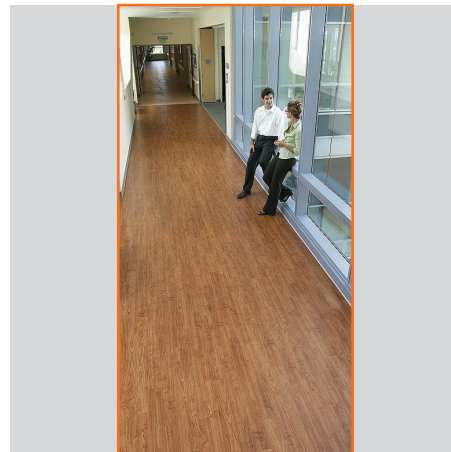


Hallway view for monitoring vertical shaped areas

In a vertical shaped environment, such as corridors, hallways, tunnels, or aisles, traditional horizontal shaped videos focus on unnecessary edges of the area causing bandwidth and storage waste. By utilizing the hallway view, 3 : 4 and 9 : 16 aspect ratio image is created : a vertically oriented video that maximizes image quality in narrow locations.



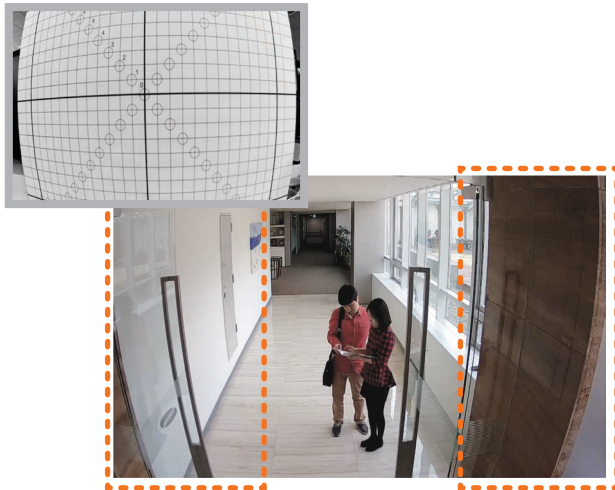
Conventional



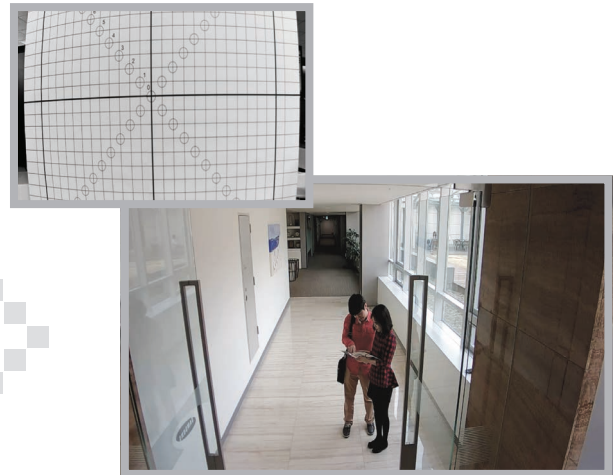
Hallway View

Minimize image distortion by Lens Distortion Correction

Lens Distortion may typically appear in videos causing straight lines close to the edge curve outwards. With the Lens Distortion Correction technology available on the Wisenet Q series, imperfections in images can be easily repaired.



Distorted Image



LDC Adopted Image

Specialized for small to medium sized applications

Wisenet Q series are ready to solve any challenges you may face especially on small to medium sized applications.

- By using Wisenet Q series and PoE NVR together as a network solution you can save both installation time and cost, suitable for small to medium sized applications.
- Install cameras on entrance/lobbies, parking lots, elevators, hallways, aisles and more.

This professional surveillance camera will enable you to create a secure environment meeting your needs.

WISENET Q series

Store Floor

Employee Areas / Bank Office

Receiving & Store Room

Entrance

Checkout & Service Counter

Parking Lot

Elevator

Lobby

PoE NVR SRN-1673S/873S/473S

The complex block features a central image of a clothing store interior. To the left, four different Wisenet Q series camera models are displayed. To the right, a PoE NVR SRN-1673S/873S/473S is shown. Surrounding the central image are several small inset photos illustrating various application scenarios: Store Floor, Employee Areas / Bank Office, Receiving & Store Room, Entrance, Checkout & Service Counter, Parking Lot, Elevator, and Lobby.

Comparison Chart

Wisenet Q series



WISENET Q
QNO-7080R



WISENET Q
QND-7080R



WISENET Q
QNV-7080R



WISENET Q
QNO-7010R/7020R/7030R



WISENET Q
QND-7010R/7020R/7030R



WISENET Q
QNV-7010R/7020R/7030R

	4MP	4MP	4MP	4MP	4MP	4MP
Resolution	4MP	4MP	4MP	4MP	4MP	4MP
Imaging Device	1/3" 4M CMOS	1/3" 4M CMOS	1/3" 4M CMOS	1/3" 4M CMOS	1/3" 4M CMOS	1/3" 4M CMOS
Video Compression Format	H.265, H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG
Resolution / Max. Frame Rate	4M / 20fps, 2M / 30fps	4M / 20fps, 2M / 30fps	4M / 20fps, 2M / 30fps	4M / 20fps, 2M / 30fps	4M / 20fps, 2M / 30fps	4M / 20fps, 2M / 30fps
Streaming Capacity	Multiple (Up to 3 profiles)	Multiple (Up to 3 profiles)	Multiple (Up to 3 profiles)	Multiple (Up to 3 profiles)	Multiple (Up to 3 profiles)	Multiple (Up to 3 profiles)
Max. User Access	6 (Unicast)	6 (Unicast)	6 (Unicast)	6 (Unicast)	6 (Unicast)	6 (Unicast)
Min. Illumination (30 IRE)	TBD	TBD	TBD	Color: 0.5Lux (7010R), 0.4Lux (7020R), 0.3Lux (7030R) B/W: 0Lux (IR LED on)	Color: 0.5Lux (7010R), 0.4Lux (7020R), 0.3Lux (7030R) B/W: 0Lux (IR LED on)	Color: 0.5Lux (7010R), 0.4Lux (7020R), 0.3Lux (7030R) B/W: 0Lux (IR LED on)
Lens	2.8 ~ 12mm (4.3x) Motorized V/F	2.8 ~ 12mm (4.3x) Motorized V/F	2.8 ~ 12mm (4.3x) Motorized V/F	2.8mm fixed (F2.2) (7010R) 3.6mm fixed (F2.2) (7020R) 6mm fixed (F2.2) (7030R)	2.8mm fixed (F2.2) (7010R) 3.6mm fixed (F2.2) (7020R) 6mm fixed (F2.2) (7030R)	2.8mm fixed (F2.2) (7010R) 3.6mm fixed (F2.2) (7020R) 6mm fixed (F2.2) (7030R)
Angular Field of View	TBD	TBD	TBD	H: 110.0° / V: 63.0° / D: 128.0° (7010R) H: 81.0° / V: 45.0° / D: 95.0° (7020R) H: 53.0° / V: 31.0° / D: 62.0° (7030R)	H: 110.0° / V: 63.0° / D: 128.0° (7010R) H: 81.0° / V: 45.0° / D: 95.0° (7020R) H: 53.0° / V: 31.0° / D: 62.0° (7030R)	H: 110.0° / V: 63.0° / D: 128.0° (7010R) H: 81.0° / V: 45.0° / D: 95.0° (7020R) H: 53.0° / V: 31.0° / D: 62.0° (7030R)
Focus Control	Simple focus (Motorized V/F) / Manual, Remote control via network	Simple focus (Motorized V/F) / Manual, Remote control via network	Simple focus (Motorized V/F) / Manual, Remote control via network	-	-	-
IR Viewable Length	30m (98.43ft)	20m (65.62ft)	30m (98.43ft)	30m (98.43ft)	20m (65.62ft)	30m (98.43ft)
Pan / Tilt / Rotate	-	0° ~ 350° / 0° ~ 67° / 0° ~ 355°	0° ~ 350° / 0° ~ 67° / 0° ~ 355°	-	0° ~ 350° / 0° ~ 67° / 0° ~ 355°	0° ~ 350° / 0° ~ 67° / 0° ~ 355°
Day & Night	True (ICR)	True (ICR)	True (ICR)	True (ICR)	True (ICR)	True (ICR)
Backlight Compensation	WDR (120dB)	WDR (120dB)	WDR (120dB)	WDR (120dB)	WDR (120dB)	WDR (120dB)
Digital Noise Reduction	SSNR	SSNR	SSNR	SSNR	SSNR	SSNR
Intelligent Video Analytics	Motion detection with metadata, Tampering, Defocus detection	Motion detection with metadata, Tampering, Defocus detection	Motion detection with metadata, Tampering, Defocus detection	Motion detection with metadata, Tampering, Defocus detection	Motion detection with metadata, Tampering, Defocus detection	Motion detection with metadata, Tampering, Defocus detection
Protocol	ONVIF profile S & G, SUNAPI (HTTP API)	ONVIF profile S & G, SUNAPI (HTTP API)	ONVIF profile S & G, SUNAPI (HTTP API)	ONVIF profile S & G, SUNAPI (HTTP API)	ONVIF profile S & G, SUNAPI (HTTP API)	ONVIF profile S & G, SUNAPI (HTTP API)
Alarm I/O	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1
Audio	Uni-directional	Uni-directional	Uni-directional	Uni-directional	Uni-directional	Uni-directional
Edge Storage	micro SD/SDHC/SDXC Max. 128G, NAS	micro SD/SDHC/SDXC Max. 128G, NAS	micro SD/SDHC/SDXC Max. 128G, NAS	micro SD/SDHC/SDXC Max. 128G, NAS	micro SD/SDHC/SDXC Max. 128G, NAS	micro SD/SDHC/SDXC Max. 128G, NAS
Environment Protection	IP66, IK10	-	IP66, IK10	IP66, IK10	-	IP66, IK10
Operating Temperature	-30°C ~ +55°C (-22°F ~ +131°F) *Start up above -20°C (-4°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-30°C ~ +55°C (-22°F ~ +131°F) *Start up above -20°C (-4°F)	-30°C ~ +55°C (-22°F ~ +131°F) *Start up above -20°C (-4°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-30°C ~ +55°C (-22°F ~ +131°F) *Start up above -20°C (-4°F)
Power	PoE / DC 12V	PoE / DC 12V	PoE / DC 12V	PoE / DC 12V	PoE / DC 12V	PoE / DC 12V
Dimensions (WxHxD) / Weight	Ø70.0 x 246.0mm (Ø2.76" x 9.69") (Without sunshield) TBD	Ø119.8 x 98.8mm (Ø4.72" x 3.89") TBD	Ø137.0 x 106.1mm (Ø5.39" x 4.18") TBD	Ø70.0 x 246.0mm (Ø2.76" x 9.69") (Without sunshield) 730g (1.61 lb)	Ø110.0 x 86.0mm (Ø4.33" x 3.39") 290g (0.64 lb)	Ø120.3 x 91.7mm (Ø4.74" x 3.61") 490g (1.08 lb)
Additional Features	Lens Distortion Correction, Hallway view, WiseStream	Lens Distortion Correction, Hallway view, WiseStream	Lens Distortion Correction, Hallway view, WiseStream	Lens Distortion Correction, Hallway view, WiseStream	Lens Distortion Correction, Hallway view, WiseStream	Lens Distortion Correction, Hallway view, WiseStream

Comparison Chart

Wisenet Q series



WISENET Q
QNO-6070R



WISENET Q
QND-6070R



WISENET Q
QNV-6070R



WISENET Q
QNO-6010R/6020R/6030R



WISENET Q
QND-6010R/6020R/6030R



WISENET Q
QNV-6010R/6020R/6030R

	2MP	2MP	2MP	2MP	2MP	2MP	
Resolution	2MP	2MP	2MP	2MP	2MP	2MP	
Imaging Device	1/3" 2.19M CMOS	1/3" 2.19M CMOS	1/3" 2.19M CMOS	1/3" 2.19M CMOS	1/3" 2.19M CMOS	1/3" 2.19M CMOS	
Video Compression Format	H.265, H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG	
Resolution / Max. Frame Rate	2M / 30fps	2M / 30fps	2M / 30fps	2M / 30fps	2M / 30fps	2M / 30fps	
Streaming Capacity	Multiple (Up to 3 profiles)	Multiple (Up to 3 profiles)	Multiple (Up to 3 profiles)	Multiple (Up to 3 profiles)	Multiple (Up to 3 profiles)	Multiple (Up to 3 profiles)	
Max. User Access	6 (Unicast)	6 (Unicast)	6 (Unicast)	6 (Unicast)	6 (Unicast)	6 (Unicast)	
Min. Illumination (30 IRE)	TBD	TBD	TBD	TBD	TBD	TBD	
VIDEO	Lens	2.8 ~ 12mm (4.3x) Motorized V/F	2.8 ~ 12mm (4.3x) Motorized V/F	2.8 ~ 12mm (4.3x) Motorized V/F	2.8mm fixed (F1.8) (7010R) 3.6mm fixed (F1.8) (7020R) 6mm fixed (F1.8) (7030R)	2.8mm fixed (F1.8) (7010R) 3.6mm fixed (F1.8) (7020R) 6mm fixed (F1.8) (7030R)	
		Angular Field of View	TBD	TBD	TBD	H: 110.0° / V: 61.0° / D: 125.0° (6010R) H: 86.48° / V: 46.22° / D: 102.44° (6020R) H: 52.54° / V: 28.86° / D: 61.14° (6030R)	H: 110.0° / V: 61.0° / D: 125.0° (6010R) H: 86.48° / V: 46.22° / D: 102.44° (6020R) H: 52.54° / V: 28.86° / D: 61.14° (6030R)
			TBD	TBD	TBD	H: 110.0° / V: 61.0° / D: 125.0° (6010R) H: 86.48° / V: 46.22° / D: 102.44° (6020R) H: 52.54° / V: 28.86° / D: 61.14° (6030R)	H: 110.0° / V: 61.0° / D: 125.0° (6010R) H: 86.48° / V: 46.22° / D: 102.44° (6020R) H: 52.54° / V: 28.86° / D: 61.14° (6030R)
Focus Control	TBD	TBD	TBD	-	-	-	
OPERATIONAL	IR Viewable Length	30m (98.43ft)	20m (65.62ft)	30m (98.43ft)	30m (98.43ft)	20m (65.62ft)	
	Pan / Tilt / Rotate	-	0° ~ 350° / 0° ~ 67° / 0° ~ 355°	0° ~ 350° / 0° ~ 67° / 0° ~ 355°	-	0° ~ 350° / 0° ~ 67° / 0° ~ 355°	0° ~ 350° / 0° ~ 67° / 0° ~ 355°
	Day & Night	True (ICR)	True (ICR)	True (ICR)	True (ICR)	True (ICR)	True (ICR)
	Backlight Compensation	WDR (120dB)	WDR (120dB)	WDR (120dB)	WDR (120dB)	WDR (120dB)	WDR (120dB)
	Digital Noise Reduction	SSNR	SSNR	SSNR	SSNR	SSNR	SSNR
Intelligent Video Analytics	Motion detection with metadata, Tampering, Defocus detection	Motion detection with metadata, Tampering, Defocus detection	Motion detection with metadata, Tampering, Defocus detection	Motion detection with metadata, Tampering, Defocus detection	Motion detection with metadata, Tampering, Defocus detection	Motion detection with metadata, Tampering, Defocus detection	
FEATURES	Protocol	ONVIF profile S & G, SUNAPI (HTTP API)	ONVIF profile S & G, SUNAPI (HTTP API)	ONVIF profile S & G, SUNAPI (HTTP API)	ONVIF profile S & G, SUNAPI (HTTP API)	ONVIF profile S & G, SUNAPI (HTTP API)	
	Alarm I/O	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1	
	Audio	Uni-directional	Uni-directional	Uni-directional	Uni-directional	Uni-directional	Uni-directional
	Edge Storage	micro SD/SDHC/SDXC Max. 128G, NAS	micro SD/SDHC/SDXC Max. 128G, NAS	micro SD/SDHC/SDXC Max. 128G, NAS	micro SD/SDHC/SDXC Max. 128G, NAS	micro SD/SDHC/SDXC Max. 128G, NAS	micro SD/SDHC/SDXC Max. 128G, NAS
	Environment Protection	IP66, IK10	-	IP66, IK10	IP66, IK10	-	IP66, IK10
	Operating Temperature	-30°C ~ +55°C (-22°F ~ +131°F) *Start up above -20°C (-4°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-30°C ~ +55°C (-22°F ~ +131°F) *Start up above -20°C (-4°F)	-30°C ~ +55°C (-22°F ~ +131°F) *Start up above -20°C (-4°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-30°C ~ +55°C (-22°F ~ +131°F) *Start up above -20°C (-4°F)
	Power	PoE / DC 12V	PoE / DC 12V	PoE / DC 12V	PoE / DC 12V	PoE / DC 12V	PoE / DC 12V
	Dimensions (WxHxD) / Weight	Ø70.0 x 246.0mm (Ø2.76" x 9.69") (Without sunshield) TBD	Ø119.8 x 98.8mm (Ø4.72" x 3.89") TBD	Ø137.0 x 106.1mm (Ø5.39" x 4.18") TBD	Ø70.0 x 246.0mm (Ø2.76" x 9.69") (Without sunshield) TBD	Ø110.3 x 86.0mm (Ø4.33" x 3.39") 290g (0.64 lb)	Ø120.3 x 91.7mm (Ø4.74" x 3.61") TBD
Additional Features	Lens Distortion Correction, Hallway view, WiseStream	Lens Distortion Correction, Hallway view, WiseStream	Lens Distortion Correction, Hallway view, WiseStream	Lens Distortion Correction, Hallway view, WiseStream	Lens Distortion Correction, Hallway view, WiseStream	Lens Distortion Correction, Hallway view, WiseStream	

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