



Product Line Up

2nd Quarter 2016



**WISENET P
PNO-9080R**



**WISENET P
PND-9080R**



**WISENET P
PNV-9080R**



**WISENET X
NRN-2011**



**WISENET X
NRN-2010**

	12MP	12MP	12MP
VIDEO			
Resolution	12MP	12MP	12MP
Imaging Device	1/1.7" 12.4M CMOS	1/1.7" 12.4M CMOS	1/1.7" 12.4M CMOS
Video Compression Format	H.265, H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG
Resolution / Max. Frame Rate	12M / 20fps, 8M / 30fps	12M / 20fps, 8M / 30fps	12M / 20fps, 8M / 30fps
Streaming Capacity	Multiple (Up to 10 profiles)	Multiple (Up to 10 profiles)	Multiple (Up to 10 profiles)
Max. User Access	20 (Unicast)	20 (Unicast)	20 (Unicast)
Min. Illumination	Color : 0.3Lux B/W : 0Lux (IR LED on)	Color : 0.3Lux B/W : 0Lux (IR LED on)	Color : 0.3Lux B/W : 0Lux (IR LED on)
Video Output	CVBS 1.0Vpp, DIP connector type	CVBS 1.0Vpp, DIP connector type	CVBS 1.0Vpp, DIP connector type
Lens	4.5 ~ 10mm (2.2x) Motorized V/F (F1.6)	4.5 ~ 10mm (2.2x) Motorized V/F (F1.6)	4.5 ~ 10mm (2.2x) Motorized V/F (F1.6)
Angular Field of View	[4096 x 2160] H : 100.3°(Wide) / V : 49.7°(Wide) [3840 x 2160] H : 92.9°(Wide) / V : 49.7°(Wide)	[4096 x 2160] H : 100.3°(Wide) / V : 49.7°(Wide) [3840 x 2160] H : 92.9°(Wide) / V : 49.7°(Wide)	[4096 x 2160] H : 100.3°(Wide) / V : 49.7°(Wide) [3840 x 2160] H : 92.9°(Wide) / V : 49.7°(Wide)
Focus Control	Simple focus (Motorized V/F) / Manual	Simple focus (Motorized V/F) / Manual	Simple focus (Motorized V/F) / Manual
OPERATIONAL			
IR Viewable Length	30m (98.43ft)	15m (49.21ft)	30m (98.43ft)
Pan / Tilt / Rotate	-	0° ~ 354° / 0° ~ 67° / 0° ~ 355°	0° ~ 354° / 0° ~ 67° / 0° ~ 355°
Day & Night	True (ICR)	True (ICR)	True (ICR)
Backlight Compensation	WDR (120dB)	WDR (120dB)	WDR (120dB)
Digital Noise Reduction	SSNR	SSNR	SSNR
Digital Image Stabilization	-	-	-
Intelligent Video Analytics	Tampering, Virtual line, Enter / Exit, (Dis)Appear, Audio detection, Defocus detection, Digital auto tracking - with metadata	Tampering, Virtual line, Enter / Exit, (Dis)Appear, Audio detection, Defocus detection, Digital auto tracking - with metadata	Tampering, Virtual line, Enter / Exit, (Dis)Appear, Audio detection, Defocus detection, Digital auto tracking - with metadata
FEATURES			
Protocol	ONVIF profile S & G, SUNAPI, Open platform	ONVIF profile S & G, SUNAPI, Open platform	ONVIF profile S & G, SUNAPI, Open platform
Alarm I/O	1 / 1	1 / 1	1 / 1
Audio	Bi-directional	Bi-directional	Bi-directional
Edge Storage	SD/SDHC/SDXC, NAS, Local PC	SD/SDHC/SDXC, NAS, Local PC	SD/SDHC/SDXC, NAS, Local PC
Environment Protection	IP66, IK10	-	IP66, IK10
Operating Temperature	-40°C ~ +55°C (-40°F ~ +131°F)	-30°C ~ +55°C (-22°F ~ +131°F)	-40°C ~ +55°C (-40°F ~ +131°F)
Power	PoE (Max. 12.5W)	PoE (Max. 12.5W)	PoE (Max. 12.5W)
Dimensions (WxHxD) / Weight	82.4 x 87.0 x 348.3mm (3.24" x 3.43" x 13.71") (Without sunshield) 1.42Kg (3.13 lb)	Ø140.8 x 113.0mm (Ø5.54" x 4.45") 650g (1.43 lb)	Ø160.0 x 118.5mm (Ø6.3" x 4.67") 950g (2.09 lb)
Additional Features	Lens Distortion Correction, Hallway view, P-Iris, Defog, Wisestream	Lens Distortion Correction, Hallway view, P-Iris, Defog, Wisestream	Lens Distortion Correction, Hallway view, P-Iris, Defog, Wisestream

	Linux	Linux
OS		
Supported Compression	H.265, H.264, MJPEG	H.265, H.264, MJPEG
Max. Recording Bit Rate	256Mbps (H.265 4MP 32cameras real-time recording) 100Mbps (RAID 5 mode)	256Mbps (H.265 4MP 32cameras real-time recording)
Max # of Cameras	32	32
Internal Storage	Up to 8 SATA (Hot swap) Max. 48TB (Non RAID) Max. 36TB (RAID 5)	Up to 8 SATA (Max. 48TB)
External Storage	iSCSI	iSCSI
RAID	RAID 5	-
Hot Swap	Yes	-
Isolated Networks for Cameras / Source	Yes	Yes
Network Viewer Software	SSM, Webviewer, SmartViewer, iPOLiS mobile	SSM, Webviewer, SmartViewer, iPOLiS mobile
Local Monitor	HDMI (Up to 4K, 32CH monitoring) Support dual monitor : HDMI / VGA	HDMI (Up to 4K, 32CH monitoring) Support dual monitor : HDMI / VGA
Camera Support	Samsung, ONVIF	Samsung, ONVIF
Features	• N+1 Failover supported • ARB Redundancy supported	• N+1 Failover supported • ARB Redundancy supported



**WISENET Q
QNO-7010R**



**WISENET Q
QNO-7020R**



**WISENET Q
QNO-7030R**



**WISENET Q
QNO-6010R**



**WISENET Q
QNO-6020R**



**WISENET Q
QNO-6030R**

	4MP	4MP	4MP	2MP	2MP	2MP
VIDEO						
Resolution	4MP	4MP	4MP	2MP	2MP	2MP
Imaging Device	1/3" 4M CMOS	1/3" 4M CMOS	1/3" 4M CMOS	1/2.9" 2.19M CMOS	1/2.9" 2.19M CMOS	1/2.9" 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	4M / 20fps	4M / 20fps	4M / 20fps	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	※ Color : 0.1Lux B/W : 0Lux (IR LED on)	※ Color : 0.1Lux B/W : 0Lux (IR LED on)	※ Color : 0.1Lux B/W : 0Lux (IR LED on)	※ Color : 0.1Lux B/W : 0Lux (IR LED on)	※ Color : 0.1Lux B/W : 0Lux (IR LED on)	※ Color : 0.1Lux B/W : 0Lux (IR LED on)
Video Output	-	-	-	-	-	-
Lens	2.8mm fixed (F2.2)	3.6mm fixed (F2.2)	6mm fixed (F2.1)	2.8mm fixed (F1.8)	3.6mm fixed (F1.8)	6mm fixed (F1.8)
Angular Field of View	H : 110.0° / V : 63.0° / D : 128.0°	H : 81.0° / V : 45.0° / D : 95.0°	H : 54.0° / V : 33.0° / D : 62.0°	H : 110.0° / V : 61.0° / D : 125.0°	H : 86.48° / V : 46.22° / D : 102.44°	H : 52.54° / V : 28.86° / D : 61.14°
Focus Control	-	-	-	-	-	-
OPERATIONAL						
IR Viewable Length	TBD	TBD	TBD	TBD	TBD	TBD
Pan / Tilt / Rotate	-	-	-	-	-	-
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
Digital Image Stabilization	-	-	-	-	-	-
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	ONVIF profile S & G, SUNAPI	ONVIF profile S & G, SUNAPI	ONVIF profile S & G, SUNAPI	ONVIF profile S & G, SUNAPI	ONVIF profile S & G, SUNAPI
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, NAS	micro SD/SDHC/SDXC, NAS	micro SD/SDHC/SDXC, NAS	micro SD/SDHC/SDXC, NAS	micro SD/SDHC/SDXC, NAS	micro SD/SDHC/SDXC, NAS
Environment Protection	IP66, IK10	IP66, IK10	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)	-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)	-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)	-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	ø70.0 x 246.0mm (ø2.76" x 9.69") (Without sunshield) TBD	ø70.0 x 246.0mm (ø2.76" x 9.69") (Without sunshield) TBD	ø70.0 x 246.0mm (ø2.76" x 9.69") (Without sunshield) TBD	ø70.0 x 246.0mm (ø2.76" x 9.69") (Without sunshield) TBD	ø70.0 x 246.0mm (ø2.76" x 9.69") (Without sunshield) 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

※ Min. Illumination (50 IRE)



WISENET Q
QND-7010R

WISENET Q
QND-7020R

WISENET Q
QND-7030R

WISENET Q
QND-6010R

WISENET Q
QND-6020R

WISENET Q
QND-6030R

	4MP	4MP	4MP	2MP	2MP	2MP
Resolution	4MP	4MP	4MP	2MP	2MP	2MP
Imaging Device	1/3" 4M CMOS	1/3" 4M CMOS	1/3" 4M CMOS	1/2.9" 2.19M CMOS	1/2.9" 2.19M CMOS	1/2.9" 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	4M / 20fps	4M / 20fps	4M / 20fps	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	※ Color : 0.1Lux B/W : 0Lux (IR LED on)	※ Color : 0.1Lux B/W : 0Lux (IR LED on)	※ Color : 0.1Lux B/W : 0Lux (IR LED on)	※ Color : 0.1Lux B/W : 0Lux (IR LED on)	※ Color : 0.1Lux B/W : 0Lux (IR LED on)	※ Color : 0.1Lux B/W : 0Lux (IR LED on)
Video Output	-	-	-	-	-	-
Lens	2.8mm fixed (F2.2)	3.6mm fixed (F2.2)	6mm fixed (F2.1)	2.8mm fixed (F1.8)	3.6mm fixed (F1.8)	6mm fixed (F1.8)
Angular Field of View	H : 110.0° / V : 63.0° / D : 128.0°	H : 81.0° / V : 45.0° / D : 95.0°	H : 54.0° / V : 33.0° / D : 62.0°	H : 110.0° / V : 61.0° / D : 125.0°	H : 86.48° / V : 46.22° / D : 102.44°	H : 52.54° / V : 28.86° / D : 61.14°
Focus Control	-	-	-	-	-	-
IR Viewable Length	TBD	TBD	TBD	TBD	TBD	TBD
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°	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
Digital Image Stabilization	-	-	-	-	-	-
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, Tampering Detection, SD card error, NAS error, Alarm input, Defocus detection	Motion detection, Tampering Detection, SD card error, NAS error, Alarm input, Defocus detection	Motion detection, Tampering Detection, SD card error, NAS error, Alarm input, Defocus detection
Protocol	ONVIF profile S & G, SUNAPI	ONVIF profile S & G, SUNAPI	ONVIF profile S & G, SUNAPI	ONVIF profile S & G, SUNAPI	ONVIF profile S & G, SUNAPI	ONVIF profile S & G, SUNAPI
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, NAS	micro SD/SDHC/SDXC, NAS	micro SD/SDHC/SDXC, NAS	micro SD/SDHC/SDXC, NAS	micro SD/SDHC/SDXC, NAS	micro SD/SDHC/SDXC, NAS
Environment Protection	-	-	-	-	-	-
Operating Temperature	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)
Power	PoE / DC	PoE / DC	PoE / DC	PoE / DC	PoE / DC	PoE / DC
Dimensions (WxHxD) / Weight	Ø110.0 x 86.0mm (Ø4.33" x 3.39") TBD	Ø110.0 x 86.0mm (Ø4.33" x 3.39") TBD	Ø110.0 x 86.0mm (Ø4.33" x 3.39") TBD	Ø110.0 x 86.0mm (Ø4.33" x 3.39") TBD	Ø110.0 x 86.0mm (Ø4.33" x 3.39") TBD	Ø110.0 x 86.0mm (Ø4.33" x 3.39") 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

※ Min. Illumination (50 IRE)



WISENET Q
QNV-7010R



WISENET Q
QNV-7020R



WISENET Q
QNV-7030R



WISENET Q
QNV-6010R



WISENET Q
QNV-6020R



WISENET Q
QNV-6030R

	4MP	4MP	4MP	2MP	2MP	2MP
Resolution	4MP	4MP	4MP	2MP	2MP	2MP
Imaging Device	1/3" 4M CMOS	1/3" 4M CMOS	1/3" 4M CMOS	1/2.9" 2.19M CMOS	1/2.9" 2.19M CMOS	1/2.9" 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	4M / 20fps	4M / 20fps	4M / 20fps	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	* Color : 0.1Lux B/W : 0Lux (IR LED on)	* Color : 0.1Lux B/W : 0Lux (IR LED on)	* Color : 0.1Lux B/W : 0Lux (IR LED on)	* Color : 0.1Lux B/W : 0Lux (IR LED on)	* Color : 0.1Lux B/W : 0Lux (IR LED on)	* Color : 0.1Lux B/W : 0Lux (IR LED on)
Video Output	-	-	-	-	-	-
Lens	2.8mm fixed (F2.2)	3.6mm fixed (F2.2)	6mm fixed (F2.1)	2.8mm fixed (F1.8)	3.6mm fixed (F1.8)	6mm fixed (F1.8)
Angular Field of View	H : 110.0° / V : 63.0° / D : 128.0°	H : 81.0° / V : 45.0° / D : 95.0°	H : 54.0° / V : 33.0° / D : 62.0°	H : 110.0° / V : 61.0° / D : 125.0°	H : 86.48° / V : 46.22° / D : 102.44°	H : 52.54° / V : 28.86° / D : 61.14°
Focus Control	-	-	-	-	-	-
IR Viewable Length	TBD	TBD	TBD	TBD	TBD	TBD
Pan / Tilt / Rotate	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
Digital Image Stabilization	-	-	-	-	-	-
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, Tampering Detection, SD card error, NAS error, Alarm input, Defocus detection	Motion detection, Tampering Detection, SD card error, NAS error, Alarm input, Defocus detection	Motion detection, Tampering Detection, SD card error, NAS error, Alarm input, Defocus detection
Protocol	ONVIF profile S & G, SUNAPI	ONVIF profile S & G, SUNAPI	ONVIF profile S & G, SUNAPI	ONVIF profile S & G, SUNAPI	ONVIF profile S & G, SUNAPI	ONVIF profile S & G, SUNAPI
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, NAS	micro SD/SDHC/SDXC, NAS	micro SD/SDHC/SDXC, NAS	micro SD/SDHC/SDXC, NAS	micro SD/SDHC/SDXC, NAS	micro SD/SDHC/SDXC, NAS
Environment Protection	IP66, IK10	IP66, IK10	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)	-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)	-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)	-30°C ~ +55°C (-22°F ~ +131°F) *Start up above -20°C (-4°F)
Power	PoE / DC	PoE / DC	PoE / DC	PoE / DC 12V	PoE / DC 12V	PoE / DC 12V
Dimensions (WxHxD) / Weight	TBD	TBD	TBD	TBD	TBD	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

* Min. Illumination (50 IRE)

NETWORK



SNB-9000

SNB-8000

**WISENET III
SNB-7004**

**WISENET III
SNB-6011B**

**WISENET III
SNB-6010B**

**WISENET III
SNB-6005**

**WISENET III
SNB-6004**

**WISENET III
SNB-6004F**

	SNB-9000	SNB-8000	WISENET III SNB-7004	WISENET III SNB-6011B	WISENET III SNB-6010B	WISENET III SNB-6005	WISENET III SNB-6004	WISENET III SNB-6004F
Resolution	4K UHD & 12MP	5MP	3MP	2MP	2MP	2MP	2MP	2MP
Imaging Device	1/2.3" 12M CMOS	1/1.8" 6M CMOS	1/2.8" 3.2M CMOS	1/2.8" 2.38M CMOS	1/2.8" 2.38M CMOS	1/1.9" 2.4M CMOS	1/2.8" 2.38M CMOS	1/2.8" 2.38M CMOS
Video Compression Format	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG
Resolution / Max. Frame Rate	8M / 30fps, 12M / 20fps	5M / 20fps	3M / 30fps	2M / 30fps	2M / 30fps	2M / 60fps	2M / 60fps	2M / 60fps
Streaming Capacity	Multiple (Up to 3 profiles)	Multiple (Up to 6 profiles)	Multiple (Up to 10 profiles)	Multiple (Up to 10 profiles)	Multiple (Up to 10 profiles)	Multiple (Up to 10 profiles)	Multiple (Up to 10 profiles)	Multiple (Up to 10 profiles)
Max. User Access	15 (Unicast)	10 (Unicast)	15 (Unicast)	15 (Unicast)	15 (Unicast)	15 (Unicast)	15 (Unicast)	15 (Unicast)
Min. Illumination	Color : 0.28Lux B/W : 0.03Lux	Color : 0.1Lux B/W : 0.01Lux	Color : 0.06Lux B/W : 0.006Lux	※ Color : 0.3Lux	※ Color : 0.3Lux	Color : 0.015Lux B/W : 0.0015Lux	Color : 0.03Lux B/W : 0.002Lux	Color : 0.03Lux B/W : 0.002Lux
Video Output	CVBS 1.0Vpp BNC type	CVBS 1.0Vpp DIP connector type	CVBS 1.0Vpp DIP connector type	CVBS 1.0Vpp DIP connector type	CVBS 1.0Vpp DIP connector type	CVBS 1.0Vpp DIP connector type	CVBS 1.0Vpp DIP connector type	CVBS 1.0Vpp DIP connector type
Lens	-	-	-	2.4mm pinhole (F 2.0)	4.6mm pinhole (F 2.5)	-	-	-
Angular Field of View	-	-	-	H : 134.3° / V : 70.9°	H : 71° / V : 38°	-	-	-
Focus Control	Simple focus / Manual	Simple focus / Manual	Simple focus / Manual	-	-	Simple focus / Manual	Simple focus / Manual	Simple focus / Manual
IR Viewable Length	-	-	-	-	-	-	-	-
Pan / Tilt / Rotate	-	-	-	-	-	-	-	-
Day & Night	True (ICR)	True (ICR)	True (ICR)	Electrical	Electrical	True (ICR)	True (ICR)	True (ICR)
Backlight Compensation	BLC / HLC	BLC	WDR (120dB)	WDR (120dB)	WDR (120dB)	WDR (120dB)	WDR (120dB)	WDR (120dB)
Digital Noise Reduction	SSNRIII (2D+3D noise filter)	SSNR (2D+3D noise filter)	SSNRIII (2D+3D noise filter)	SSNRIII (2D+3D noise filter)	SSNRIII (2D+3D noise filter)	SSNRIII (2D+3D noise filter)	SSNRIII (2D+3D noise filter)	SSNRIII (2D+3D noise filter)
Digital Image Stabilization	-	-	Support	Support	Support	Support	Support	Support
Intelligent Video Analytics	Tampering, Virtual line, Enter / Exit, (Dis)Appear, Audio detection, Face detection with metadata	Tampering, Audio detection	Tampering, Virtual line, Enter / Exit, (Dis)Appear, Audio detection, Face detection	Tampering, Virtual line, Enter / Exit, (Dis)Appear, Audio detection, Face detection with metadata	Tampering, Virtual line, Enter / Exit, (Dis)Appear, Audio detection, Face detection with metadata	Tampering, Virtual line, Enter / Exit, (Dis)Appear, Audio detection, Face detection with metadata	Tampering, Virtual line, Enter / Exit, (Dis)Appear, Audio detection, Face detection	Tampering, Virtual line, Enter / Exit, (Dis)Appear, Audio detection, Face detection with metadata
Protocol	ONVIF profile S, SUNAPI	ONVIF profile S, SUNAPI, Open platform	ONVIF profile S, SUNAPI, Open platform	ONVIF profile S, SUNAPI, Open platform	ONVIF profile S, SUNAPI, Open platform	ONVIF profile S, SUNAPI, Open platform	ONVIF profile S, SUNAPI, Open platform	ONVIF profile S, SUNAPI, Open platform
Alarm I/O	2/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1
Audio	Bi-directional	Bi-directional	Bi-directional	Bi-directional	Bi-directional	Bi-directional	Bi-directional	Bi-directional
Edge Storage	micro SD/SDHC/SDXC	micro SD/SDHC/SDXC, NAS	micro SD/SDHC/SDXC, NAS	micro SD/SDHC/SDXC, NAS	micro SD/SDHC/SDXC, NAS	SD/SDHC/SDXC, NAS	SD/SDHC/SDXC, NAS	micro SD/SDHC/SDXC, NAS
Environment Protection	-	-	-	-	-	-	-	-
Operating Temperature	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-30°C ~ +55°C (-22°F ~ +131°F) / *Start up above -10°C (+14°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)
Power	AC 24V (Max. 12.5W) DC 12V (Max. 12.0W) PoE (Max. 12.0W)	AC 24V (Max. 12.65W) DC 12V (Max. 10.68W) PoE (Max. 12.14W)	AC 24V (Max. 13.1W) DC 12V (Max. 11.1W) PoE (Max. 12.6W)	DC 12V (Max. 6.5W) PoE (Max. 7.5W)	DC 12V (Max. 6.5W) PoE (Max. 7.5W)	AC 24V (Max. 11.44W) DC 12V (Max. 10.1W) PoE (Max. 11.1W)	AC 24V (Max. 11.44W) DC 12V (Max. 10.1W) PoE (Max. 11.1W)	AC 24V (Max. 12.5W) DC 12V (Max. 10.5W)
Dimensions (WxHxD) / Weight	78.3 x 67.3 x 130.4mm (3.08" x 2.65" x 5.13") 493g (1.09 lb)	73.1 x 66.6 x 147.0mm (2.88" x 2.62" x 5.79") 566g (1.25 lb)	73.1 x 66.6 x 147.8mm (2.88" x 2.62" x 5.82") 430g (0.95 lb)	Header : Ø24.0 x 50.0mm (Ø0.94" x 1.97"), 80g (0.18 lb) (Include 1.5m cable) Main unit : 131.1 x 28.0 x 86.0 (5.16" x 1.1" x 3.39"), 255g (0.56 lb)	Header : Ø24.0 x 42.4mm (Ø0.94" x 1.67"), 80g (0.18 lb) (Include 1.5m cable) Main unit : 131.1 x 28.0 x 86.0 (5.16" x 1.1" x 3.39"), 255g (0.56 lb)	73.1 x 66.6 x 147.8mm (2.88" x 2.62" x 5.82") 430g (0.95 lb)	73.1 x 66.6 x 147.8mm (2.88" x 2.62" x 5.82") 395g (0.87 lb)	73.1 x 66.6 x 147.8mm (2.88" x 2.62" x 5.82") 385g (0.85 lb)
Additional Features	RS-485	P-Iris, RS-485	P-Iris, RS-485, Defog	Separated head and body, Defog	Separated head and body, Defog	P-Iris, RS-485, Defog	P-Iris, RS-485, Defog	P-Iris, Defog, RS-485, SFP LC type

※ Min. Illumination (50 IRE)

NETWORK



WISENET III
SNB-6003



WISENET III
SNB-5004



WISENET III
SNB-5003



WISENET III
SNZ-6320



SNO-8081R



WISENET III
SNO-7084R



WISENET III
SNO-6084R



WISENET III
SNO-6011R

	2MP	1.3MP	1.3MP	2MP	5MP	3MP	2MP	2MP
Resolution	2MP	1.3MP	1.3MP	2MP	5MP	3MP	2MP	2MP
Imaging Device	1/2.8" 2.38M CMOS	1/3" 1.3M CMOS	1/3" 1.3M CMOS	1/2.8" 2.38M CMOS	1/1.8" 6M CMOS	1/2.8" 3.2M CMOS	1/2.8" 2.38M CMOS	1/2.8" 2.38M CMOS
Video Compression Format	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.265, H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG
Resolution / Max. Frame Rate	2M / 60fps	1.3M / 60fps	1.3M / 60fps	2M / 60fps	5M / 30fps	3M / 30fps	2M / 60fps	2M / 30fps
Streaming Capacity	Multiple (Up to 10 profiles)	Multiple (Up to 10 profiles)	Multiple (Up to 10 profiles)	Multiple (Up to 10 profiles)	Multiple (Up to 3 profiles)	Multiple (Up to 10 profiles)	Multiple (Up to 10 profiles)	Multiple (Up to 10 profiles)
Max. User Access	15 (Unicast)	15 (Unicast)	15 (Unicast)	15 (Unicast)	10 (Unicast)	15 (Unicast)	15 (Unicast)	15 (Unicast)
Min. Illumination	Color : 0.03Lux B/W : 0.03Lux	Color : 0.008Lux B/W : 0.002Lux	Color : 0.008Lux B/W : 0.008Lux	Color : 0.15Lux B/W : 0.015Lux	Color : 0.12Lux B/W : 0Lux (IR LED on)	Color : 0.06Lux B/W : 0Lux (IR LED on)	Color : 0.03Lux B/W : 0Lux (IR LED on)	Color : 0.08Lux B/W : 0Lux (IR LED on)
Video Output	CVBS 1.0Vpp DIP connector type	CVBS 1.0Vpp DIP connector type	CVBS 1.0Vpp DIP connector type	CVBS 1.0Vpp DIP connector type	CVBS 1.0Vpp DIP connector type	CVBS 1.0Vpp DIP connector type	CVBS 1.0Vpp DIP connector type	CVBS 1.0Vpp
Lens	-	-	-	4.44 ~ 142.6mm (Optical 32x) F1.6(Wide) / F4.4(Tele)	3.93 ~ 9.4mm (2.4x) Motorized V/F (F1.3)	3 ~ 8.5mm (2.8x) Motorized V/F (F1.2)	3 ~ 8.5mm (2.8x) Motorized V/F (F1.2)	3.8mm fixed (F2.0)
Angular Field of View	-	-	-	H : 62.8° (Wide) ~ 2.23° (Tele) / V : 36.8° (Wide) ~ 1.26° (Tele)	H : 93.4° (Wide) ~ 39.2° (Tele) / V : 68.1° (Wide) ~ 29.3° (Tele)	H : 100.12° (Wide) ~ 35.38° (Tele) / V : 73.76° (Wide) ~ 26.58° (Tele)	H : 105.5° (Wide) ~ 37.1° (Tele) / V : 57.5° (Wide) ~ 21.0° (Tele)	H : 84.5° / V : 45.8° / D : 98.8°
Focus Control	Manual	Simple focus / Manual	Manual	Auto / Manual / One push	Simple focus (Motorized V/F) / Manual	Simple focus (Motorized V/F) / Manual	Simple focus (Motorized V/F) / Manual	Manual
IR Viewable Length	-	-	-	-	30m (98.43ft)	30m (98.43ft)	30m (98.43ft)	15m (49.21ft)
Pan / Tilt / Rotate	-	-	-	-	-	-	-	-
Day & Night	Electrical	True (ICR)	Electrical	True (ICR)	True (ICR)	True (ICR)	True (ICR)	True (ICR)
Backlight Compensation	WDR (120dB)	WDR (130dB)	WDR (130dB)	WDR (120dB)	WDR (120dB)	WDR (120dB)	WDR (120dB)	WDR (120dB, 15fps)
Digital Noise Reduction	SSNRIII (2D+3D noise filter)	SSNRIII (2D+3D noise filter)	SSNRIII (2D+3D noise filter)	SSNRIII (2D+3D noise filter)	SSNR (2D+3D noise filter)	SSNRIII (2D+3D noise filter)	SSNRIII (2D+3D noise filter)	SSNRIII (2D+3D noise filter)
Digital Image Stabilization	Support	Support	Support	Support	-	Support	Support	Support
Intelligent Video Analytics	Tampering, Virtual line, Enter / Exit, (Dis)Appear, Audio detection, Face detection	Tampering, Virtual line, Enter / Exit, (Dis)Appear, Audio detection, Face detection	Tampering, Virtual line, Enter / Exit, (Dis)Appear, Audio detection, Face detection	Tampering, Virtual line, Enter / Exit, (Dis)Appear, Audio detection, Face detection	Motion detection, Tampering, Audio detection with metadata	Tampering, Virtual line, Enter / Exit, (Dis)Appear, Audio detection, Face detection	Tampering, Virtual line, Enter / Exit, (Dis)Appear, Audio detection, Face detection	Tampering, Virtual line, Enter / Exit, (Dis)Appear, Face detection with metadata
Protocol	ONVIF profile S, SUNAPI, Open platform	ONVIF profile S, SUNAPI, Open platform	ONVIF profile S, SUNAPI, Open platform	ONVIF profile S, SUNAPI, Open platform	ONVIF profile S, SUNAPI, Open platform	ONVIF profile S, SUNAPI, Open platform	ONVIF profile S, SUNAPI, Open platform	ONVIF profile S, SUNAPI, Open platform
Alarm I/O	1/1	1/1	1/1	1/1 (Relay)	1/1	1/1	1/1	1/0
Audio	Bi-directional	Bi-directional	Bi-directional	Bi-directional	Bi-directional	Bi-directional	Bi-directional	-
Edge Storage	SD/SDHC/SDXC, NAS	SD/SDHC/SDXC, NAS	SD/SDHC/SDXC, NAS	SD/SDHC/SDXC, NAS	SD/SDHC/SDXC, NAS, Local PC	micro SD/SDHC/SDXC, NAS	micro SD/SDHC/SDXC, NAS	micro SD/SDHC/SDXC
Environment Protection	-	-	-	-	IP66, IK10	IP66, IK10	IP66, IK10	IP66
Operating Temperature	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-40°C ~ +55°C (-40°F ~ +131°F) / *Start up above -35°C (-31°F)	AC 24V : -50°C ~ +55°C (-58°F ~ +131°F) / DC 12V, PoE : -20°C ~ +55°C (-4°F ~ +131°F) *Start up above -10°C (+14°F)	AC 24V : -50°C ~ +55°C (-58°F ~ +131°F) / DC 12V, PoE : -20°C ~ +55°C (-4°F ~ +131°F) *Start up above -10°C (+14°F)	-30°C ~ +55°C (-22°F ~ +131°F) *Start up above -10°C (+14°F)
Power	AC 24V (Max. 9.5W) DC 12V (Max. 8.38W) PoE (Max. 9.18W)	AC 24V (Max. 11.53W) DC 12V (Max. 9.5W) PoE (Max. 11.0W)	AC 24V (Max. 9.8W) DC 12V (Max. 8.32W) PoE (Max. 9.14W)	DC 12V (Max. 9.0W) PoE (Max. 10.0W)	AC 24V (Max. 12.0W / 13.5W - Heater on) DC 12V (Max. 10.0W) / 11.5W - Heater on) PoE (Max. 11.5W) / 12.95W - Heater on)	AC 24V (Max. 13.0W / 19.0W - Heater on) DC 12V (Max. 11.5W) PoE (Max. 12.5W)	Max. 11.0W - Heater off AC 24V (Max. 17.0W - Heater on)	PoE (Max. 8.5W)
Dimensions (WxHxD) / Weight	73.1 x 66.6 x 136.2mm (2.88" x 2.62" x 5.36") 330g (0.73 lb)	73.1 x 66.6 x 147.8mm (2.88" x 2.62" x 5.82") 395g (0.87 lb)	73.1 x 66.6 x 136.2mm (2.88" x 2.62" x 5.36") 330g (0.73 lb)	72.0 x 59.9 x 135.4mm (2.83" x 2.36" x 5.33") 540g (1.19 lb)	82.4 x 87.0 x 348.3mm (3.24" x 3.43" x 13.71") (Without sunshield) 1.42Kg (3.13 lb)	82.4 x 82.4 x 312.6mm (3.24" x 3.24" x 12.31") (Without sunshield) 1.19Kg (2.62 lb)	82.4 x 82.4 x 312.6mm (3.24" x 3.24" x 12.31") (Without sunshield) 1.19Kg (2.62 lb)	77.1 x 83.0 x 302.4mm (3.04" x 3.27" x 11.91") 560g (1.23 lb)
Additional Features	P-Iris, RS-485, Defog	P-Iris, RS-485, Defog	P-Iris, RS-485, Defog	RS-485, Defog	Lens Distortion Correction, Hallway view, P-Iris	P-Iris, Defog	P-Iris, Defog	Defog

NETWORK



WISENET Lite
SNO-L6083R

WISENET Lite
SNO-L6013R

WISENET III
SNO-5084R

WISENET Lite
SNO-L5083R

SNF-8010/8010VM

WISENET III
SND-7084

WISENET III
SND-6084

WISENET III
SND-6083

	2MP	2MP	1.3MP	1.3MP	5MP	3MP	2MP	2MP
Resolution	2MP	2MP	1.3MP	1.3MP	5MP	3MP	2MP	2MP
Imaging Device	1/2.9" 2.19M CMOS	1/2.9" 2.19M CMOS	1/3" 1.37M CMOS	1/3" 1.37M CMOS	1/1.8" 6M CMOS (IMX178)	1/2.8" 3.2M CMOS	1/2.8" 2.38M CMOS	1/2.8" 2.38M CMOS
Video Compression Format	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG
Resolution / Max. Frame Rate	2M / 30fps	2M / 30fps	1.3M / 60fps	1.3M / 30fps	5M / 20fps	3M / 30fps	2M / 60fps	2M / 60fps
Streaming Capacity	Multiple (Up to 3 profiles)	Multiple (Up to 3 profiles)	Multiple (Up to 10 profiles)	Multiple (Up to 3 profiles)	Multiple (Up to 5 profiles)	Multiple (Up to 10 profiles)	Multiple (Up to 10 profiles)	Multiple (Up to 10 profiles)
Max. User Access	6 (Unicast)	6 (Unicast)	15 (Unicast)	6 (Unicast)	10 (Unicast)	15 (Unicast)	15 (Unicast)	15 (Unicast)
Min. Illumination	Color : 0.095Lux B/W : 0Lux (IR LED on)	Color : 0.15Lux B/W : 0Lux (IR LED on)	Color : 0.005Lux B/W : 0Lux (IR LED on)	Color : 0.04Lux B/W : 0Lux (IR LED on)	Color : 0.2Lux B/W : 0.02Lux	Color : 0.06Lux B/W : 0.006Lux	Color : 0.03Lux B/W : 0.002Lux	Color : 0.03Lux B/W : 0.03Lux
Video Output	-	-	CVBS 1.0Vpp DIP connector type	-	CVBS 1.0Vpp	CVBS 1.0Vpp DIP connector type	CVBS 1.0Vpp DIP connector type	CVBS 1.0Vpp DIP connector type
Lens	2.8 ~ 12mm (4.3x) V/F (F1.4)	3.6mm fixed (F1.8)	3 ~ 8.5mm (2.8x) Motorized V/F (F1.2)	2.8 ~ 12mm (4.3x) V/F (F1.4)	1.14mm fixed (F2.5)	3 ~ 8.5mm (2.8x) Motorized V/F (F1.2)	3 ~ 8.5mm (2.8x) Motorized V/F (F1.2)	3 ~ 8.5mm (2.8x) V/F (F1.2)
Angular Field of View	H : 103.8° (Wide) ~ 32.4° (Tele) / V : 53.7° (Wide) ~ 18.4° (Tele) / D : 121.9° (Wide) ~ 37.1° (Tele)	H : 86.5° / V : 47.8° / D : 101.2°	H : 93.4° (Wide) ~ 33.1° (Tele) / V : 73.8° (Wide) ~ 26.5° (Tele)	H : 88.2° (Wide) ~ 28.6° (Tele) / V : 69.4° (Wide) ~ 23.0° (Tele) / D : 117.3° (Wide) ~ 36.2° (Tele)	H : 187° / V : 187° / D : 187°	H : 100.12° (Wide) ~ 35.38° (Tele) / V : 73.76° (Wide) ~ 26.58° (Tele)	H : 105.5° (Wide) ~ 37.1° (Tele) / V : 57.5° (Wide) ~ 21.0° (Tele)	H : 106.18° (Wide) ~ 37.1° (Tele) / V : 58.42° (Wide) ~ 20.94° (Tele)
Focus Control	Manual	-	Simple focus (Motorized V/F) / Manual	Manual	Manual	Simple focus (Motorized V/F) / Manual	Simple focus (Motorized V/F) / Manual	Manual
IR Viewable Length	20m (65.62ft)	20m (65.62ft)	30m (98.43ft)	20m (65.62ft)	-	-	-	-
Pan / Tilt / Rotate	-	-	-	-	0° ~ 354° / 0° ~ 67° / 0° ~ 355°	0° ~ 354° / 0° ~ 67° / 0° ~ 355°	0° ~ 354° / 0° ~ 67° / 0° ~ 355°	0° ~ 354° / 0° ~ 67° / 0° ~ 355°
Day & Night	True (ICR)	True (ICR)	True (ICR)	True (ICR)	True (ICR)	True (ICR)	True (ICR)	Electrical
Backlight Compensation	BLC, DWDR	BLC, DWDR	WDR (130dB)	BLC, DWDR	WDR (60dB)	WDR (120dB)	WDR (120dB)	WDR (120dB)
Digital Noise Reduction	SSNR	SSNR	SSNRIII (2D+3D noise filter)	SSNR	SSNRIII (2D+3D noise filter)	SSNRIII (2D+3D noise filter)	SSNRIII (2D+3D noise filter)	SSNRIII (2D+3D noise filter)
Digital Image Stabilization	-	-	Support	-	-	Support	Support	Support
Intelligent Video Analytics	Motion detection with metadata, Tampering	Motion detection with metadata, Tampering	Tampering, Virtual line, Enter / Exit, (Dis)Appear, Audio detection, Face detection	Motion detection with metadata, Tampering	Motion detection, Audio detection, Tampering	Tampering, Virtual line, Enter / Exit, (Dis)Appear, Audio detection, Face detection	Tampering, Virtual line, Enter / Exit, (Dis)Appear, Audio detection, Face detection	Tampering, Virtual line, Enter / Exit, (Dis)Appear, Audio detection, Face detection
Protocol	ONVIF profile S & G, SUNAPI	ONVIF profile S & G, SUNAPI	ONVIF profile S, SUNAPI, Open platform	ONVIF profile S & G, SUNAPI	ONVIF profile S, SUNAPI	ONVIF profile S, SUNAPI, Open platform	ONVIF profile S, SUNAPI, Open platform	ONVIF profile S, SUNAPI, Open platform
Alarm I/O	-	-	1/1	-	1/1	1/1	1/1	1/1
Audio	Uni-directional	Uni-directional	Bi-directional	Uni-directional	Bi-directional	Bi-directional	Bi-directional	Bi-directional
Edge Storage	micro SD/SDHC, NAS	micro SD/SDHC, NAS	micro SD/SDHC/SDXC	micro SD/SDHC, NAS	micro SD/SDHC/SDXC, NAS	micro SD/SDHC/SDXC, NAS	SD/SDHC/SDXC, NAS	SD/SDHC/SDXC, NAS
Environment Protection	IP66, IK10	IP66	IP66, IK10	IP66, IK10	IP66, IK10 / EN-61373/50155 (SNF-8010VM)	-	-	-
Operating Temperature	-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)	-30°C ~ +55°C (-22°F ~ +131°F)	-30°C ~ +55°C (-22°F ~ +131°F) *Start up above -20°C (-4°F)	-10°C ~ +55°C (+14°F ~ +131°F) (SNF-8010) -30°C ~ +55°C (-22°F ~ +131°F) *Start up above -25°C (-13°F) (SNF-8010VM)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)
Power	PoE (Max. 5.9W)	PoE (Max. 5.7W)	AC 24V (Max. 12.0W, 13.5W - Heater on) DC 12V (Max. 10.0W, 11.5W - Heater on) PoE (Max. 1.5.0W, 12.95W - Heater on)	PoE (Max. 5.9W)	DC 12V (Max. 8.7W), PoE (Max. 10.3W) mode A only (SNF-8010VM)	DC 12V (Max. 9.6W) PoE (Max. 11.6W)	DC 12V (Max. 8.79W) PoE (Max. 9.57W)	DC 12V (Max. 8.09W) PoE (Max. 8.94W)
Dimensions (WxHxD) / Weight	Ø70.0 x 246.0mm (Ø2.76" x 9.69") (Without sunshield) 700g (1.54 lb)	Ø58.6 x 165.2mm (Ø2.31" x 6.5") (Without sunshield) 250g (0.55 lb)	82.4 x 82.4 x 312.6mm (3.24" x 3.24" x 12.31") (With sunshield) 1.17Kg (2.58 lb)	Ø70.0 x 246.0mm (Ø2.76" x 9.69") (Without sunshield) 650g (1.43 lb)	Ø145.9 x 49.6mm (Ø5.74" x 1.95") 780g (1.72 lb) (SNF-8010) Ø145.9 x 62.4mm (Ø5.74" x 2.46") 800g (1.76 lb) (SNF-8010VM)	Ø132.1 x 107.6mm (Ø5.2" x 4.24") 605g (1.33 lb)	Ø132.1 x 107.6mm (Ø5.2" x 4.24") 505g (1.11 lb)	Ø132.1 x 107.6mm (Ø5.2" x 4.24") 485g (1.07 lb)
Additional Features	Lens Distortion Correction, Hallway view	Lens Distortion Correction, Hallway view	P-Iris, Defog	Lens Distortion Correction, Hallway view	Lens Distortion Correction, Hallway view, M12 connector (SNF-8010VM)	P-Iris, Defog	P-Iris, Defog	Defog

NETWORK



WISeNET Lite
SND-L6013

WISeNET Lite
SND-L6012

WISeNET III
SND-5084

WISeNET III
SND-5083

WISeNET Lite
SND-L5013

WISeNET III
SND-7084R

WISeNET III
SND-6084R

WISeNET III
SND-6011R

	2MP	2MP	1.3MP	1.3MP	1.3MP	3MP	2MP	2MP
Resolution	2MP	2MP	1.3MP	1.3MP	1.3MP	3MP	2MP	2MP
Imaging Device	1/2.9" 2.19M CMOS	1/2.9" 2.19M CMOS	1/3" 1.3M CMOS	1/3" 1.3M CMOS	1/3" 1.37M CMOS	1/2.8" 3.2M CMOS	1/2.8" 2.38M CMOS	1/2.8" 2.38M CMOS
Video Compression Format	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG
Resolution / Max. Frame Rate	2M / 30fps	2M / 30fps	1.3M / 60fps	1.3M / 60fps	1.3M / 30fps	3M / 30fps	2M / 60fps	2M / 30fps
Streaming Capacity	Multiple (Up to 3 profiles)	Multiple (Up to 3 profiles)	Multiple (Up to 10 profiles)	Multiple (Up to 10 profiles)	Multiple (Up to 3 profiles)	Multiple (Up to 10 profiles)	Multiple (Up to 10 profiles)	Multiple (Up to 10 profiles)
Max. User Access	6 (Unicast)	6 (Unicast)	15 (Unicast)	15 (Unicast)	6 (Unicast)	15 (Unicast)	15 (Unicast)	15 (Unicast)
Min. Illumination	Color : 0.15Lux B/W : 0.15Lux	Color : 0.15Lux B/W : 0.15Lux	Color : 0.008Lux B/W : 0.002Lux	Color : 0.008Lux B/W : 0.002Lux	Color : 0.085Lux B/W : 0.085Lux	Color : 0.06Lux B/W : 0Lux (IR LED on)	Color : 0.03Lux B/W : 0Lux (IR LED on)	Color : 0.08Lux B/W : 0Lux (IR LED on)
Video Output	-	-	CVBS 1.0Vpp DIP connector type	CVBS 1.0Vpp DIP connector type	-	CVBS 1.0Vpp DIP connector type	CVBS 1.0Vpp DIP connector type	CVBS 1.0Vpp
Lens	3.6mm fixed (F1.8)	2.8mm fixed (F1.8)	3 ~ 8.5mm (2.8x) Motorized V/F (F1.2)	2.8 ~ 10mm (3.6x) V/F (F1.2)	3.6mm fixed (F1.8)	3 ~ 8.5mm (2.8x) Motorized V/F (F1.2)	3 ~ 8.5mm (2.8x) Motorized V/F (F1.2)	3.8mm fixed (F2.0)
Angular Field of View	H : 86.5° / V : 47.8° / D : 101.2°	H : 110° / V : 61° / D : 125°	H : 93.3° (Wide) ~ 33.2° (Tele) / V : 73.7° (Wide) ~ 26.6° (Tele)	H : 94.6° (Wide) ~ 28.8° (Tele) / V : 68.4° (Wide) ~ 21.6° (Tele)	H : 74° / V : 58° / D : 97°	H : 100.12° (Wide) ~ 35.38° (Tele) / V : 73.76° (Wide) ~ 26.58° (Tele)	H : 105.5° (Wide) ~ 37.1° (Tele) / V : 57.5° (Wide) ~ 21.0° (Tele)	H : 84.5° / V : 45.8° / D : 98.8°
Focus Control	-	-	Simple focus (Motorized V/F) / Manual	Manual	-	Simple focus (Motorized V/F) / Manual	Simple focus (Motorized V/F) / Manual	-
IR Viewable Length	-	-	-	-	-	25m (82.02ft)	15m (49.21ft)	10m (32.81ft)
Pan / Tilt / Rotate	0° ~ 350° / 0° ~ 67° / 0° ~ 355°	0° ~ 350° / 0° ~ 67° / 0° ~ 355°	0° ~ 354° / 0° ~ 67° / 0° ~ 355°	0° ~ 354° / 0° ~ 67° / 0° ~ 355°	0° ~ 350° / 0° ~ 67° / 0° ~ 355°	0° ~ 354° / 0° ~ 67° / 0° ~ 355°	0° ~ 354° / 0° ~ 67° / 0° ~ 355°	0° ~ 354° / 0° ~ 67° / 0° ~ 355°
Day & Night	Electrical	Electrical	True (ICR)	True (ICR)	Electrical	True (ICR)	True (ICR)	True (ICR)
Backlight Compensation	BLC, DWDR	BLC, DWDR	WDR (130dB)	WDR (130dB)	BLC, DWDR	WDR (120dB)	WDR (120dB)	WDR (120dB)
Digital Noise Reduction	SSNR	SSNR	SSNRIII (2D+3D noise filter)	SSNRIII (2D+3D noise filter)	SSNR	SSNRIII (2D+3D noise filter)	SSNRIII (2D+3D noise filter)	SSNRIII (2D+3D noise filter)
Digital Image Stabilization	-	-	Support	Support	-	Support	Support	Support
Intelligent Video Analytics	Motion detection with metadata, Tampering	Motion detection with metadata, Tampering	Tampering, Virtual line, Enter / Exit, (Dis)Appear, Audio detection, Face detection	Tampering, Virtual line, Enter / Exit, (Dis)Appear, Audio detection, Face detection	Motion detection with metadata, Tampering	Tampering, Virtual line, Enter / Exit, (Dis)Appear, Audio detection, Face detection	Tampering, Virtual line, Enter / Exit, (Dis)Appear, Audio detection, Face detection	Tampering, Virtual line, Enter / Exit, (Dis)Appear, Audio detection, Face detection
Protocol	ONVIF profile S & G, SUNAPI	ONVIF profile S & G, SUNAPI	ONVIF profile S, SUNAPI, Open platform	ONVIF profile S, SUNAPI, Open platform	ONVIF profile S & G, SUNAPI	ONVIF profile S, SUNAPI, Open platform	ONVIF profile S, SUNAPI, Open platform	ONVIF profile S, SUNAPI, Open platform
Alarm I/O	-	-	1/1	1/1	-	1/1	1/1	1/0
Audio	Uni-directional	Uni-directional	Bi-directional	Bi-directional	Uni-directional	Bi-directional	Bi-directional	-
Edge Storage	micro SD/SDHC, NAS	micro SD/SDHC, NAS	SD/SDHC/SDXC, NAS	SD/SDHC/SDXC, NAS	micro SD/SDHC, NAS	micro SD/SDHC/SDXC, NAS	SD/SDHC/SDXC, NAS	micro SD/SDHC/SDXC
Environment Protection	-	-	-	-	-	-	-	-
Operating Temperature	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)
Power	PoE (Max. 2.4W)	PoE (Max. 2.4W)	DC 12V (Max. 9.0W) PoE (Max. 11.0W)	DC 12V (Max. 9.0W) PoE (Max. 11.0W)	PoE (Max. 2.4W)	DC 12V (Max. 10.0W) PoE (Max. 11.0W)	DC 12V, PoE (Max. 9.0W)	PoE (Max. 8.0W)
Dimensions (WxHxD) / Weight	Ø110.0 x 86.0mm (Ø4.33" x 3.39") 250g (0.55 lb)	Ø110.0 x 86.0mm (Ø4.33" x 3.39") 240g (0.53 lb)	Ø132.1 x 107.6mm (Ø5.2" x 4.24") 525g (1.16 lb)	Ø132.1 x 107.6mm (Ø5.2" x 4.24") 500g (1.1 lb)	Ø110.0 x 86.0mm (Ø4.33" x 3.39") 240g (0.53 lb)	Ø132.1 x 107.6mm (Ø5.2" x 4.24") 575g (1.27 lb)	Ø132.1 x 107.6mm (Ø5.2" x 4.24") 525g (1.16 lb)	Ø120.0 x 101.8mm (Ø4.72" x 4.01") 380g (0.84 lb)
Additional Features	Lens Distortion Correction, Hallway view	Lens Distortion Correction, Hallway view	P-Iris, Defog	Defog	Lens Distortion Correction, Hallway view	P-Iris, Defog	P-Iris, Defog	Defog

NETWORK



WISENET Lite
SND-L6083R

WISENET Lite
SND-L6013R

WISENET III
SND-5084R

WISENET Lite
SND-L5083R

SNV-8080

WISENET III
SNV-7084

WISENET III
SNV-6084

WISENET III
SNV-6013

	2MP	2MP	1.3MP	1.3MP	5MP	3MP	2MP	2MP
Resolution	2MP	2MP	1.3MP	1.3MP	5MP	3MP	2MP	2MP
Imaging Device	1/2.9" 2.19M CMOS	1/2.9" 2.19M CMOS	1/3" 1.3M CMOS	1/3" 1.37M CMOS	1/1.8" 6M CMOS	1/2.8" 3.2M CMOS	1/2.8" 2.38M CMOS	1/2.8" 2.38M CMOS
Video Compression Format	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG
Resolution / Max. Frame Rate	2M / 30fps	2M / 30fps	1.3M / 60fps	1.3M / 30fps	5M / 20fps	3M / 30fps	2M / 60fps	2M / 60fps
Streaming Capacity	Multiple (Up to 3 profiles)	Multiple (Up to 3 profiles)	Multiple (Up to 10 profiles)	Multiple (Up to 3 profiles)	Multiple (Up to 6 profiles)	Multiple (Up to 10 profiles)	Multiple (Up to 10 profiles)	Multiple (Up to 10 profiles)
Max. User Access	6 (Unicast)	6 (Unicast)	15 (Unicast)	6 (Unicast)	10 (Unicast)	15 (Unicast)	15 (Unicast)	15 (Unicast)
Min. Illumination	Color : 0.095Lux B/W : 0Lux (IR LED on)	Color : 0.15Lux B/W : 0Lux (IR LED on)	Color : 0.005Lux B/W : 0Lux (IR LED on)	Color : 0.04Lux B/W : 0Lux (IR LED on)	Color : 0.1Lux B/W : 0.01Lux	Color : 0.06Lux B/W : 0.006Lux	Color : 0.03Lux B/W : 0.002Lux	Color : 0.15Lux B/W : 0.15Lux
VIDEO								
Video Output	-	-	CVBS 1.0Vpp DIP connector type	-	CVBS 1.0Vpp DIP connector type	CVBS 1.0Vpp DIP connector type	CVBS 1.0Vpp DIP connector type	CVBS 1.0Vpp DIP connector type
Lens	2.8 ~ 12mm (4.3x) V/F (F1.4)	3.6mm fixed (F1.8)	3 ~ 8.5mm (2.8x) Motorized V/F (F1.2)	2.8 ~ 12mm (4.3x) V/F (F1.4)	3.6 ~ 9.4mm (2.6x) Motorized V/F (F1.2)	3 ~ 8.5mm (2.8x) Motorized V/F (F1.2)	3 ~ 8.5mm (2.8x) Motorized V/F (F1.2)	2.8mm fixed (F1.8)
Angular Field of View	H : 103.8° (Wide) ~ 32.4° (Tele) / V : 53.7° (Wide) ~ 18.4° (Tele) / D : 121.9° (Wide) ~ 37.1° (Tele)	H : 86.5° / V : 47.8° / D : 101.2°	H : 93.4° (Wide) ~ 33.1° (Tele) / V : 73.8° (Wide) ~ 26.5° (Tele)	H : 88.2° (Wide) ~ 28.6° (Tele) / V : 69.4° (Wide) ~ 23.0° (Tele) / D : 117.3° (Wide) ~ 36.2° (Tele)	H : 104.0° (Wide) ~ 39.2° (Tele) / V : 75.2° (Wide) ~ 29.3° (Tele)	H : 100.12° (Wide) ~ 35.38° (Tele) / V : 73.76° (Wide) ~ 26.58° (Tele)	H : 105.5° (Wide) ~ 37.1° (Tele) / V : 57.5° (Wide) ~ 21.0° (Tele)	H 112° / V 62°
Focus Control	Manual	-	Simple focus (Motorized V/F) / Manual	Manual	Simple focus / Manual	Simple focus (Motorized V/F) / Manual	Simple focus (Motorized V/F) / Manual	-
IR Viewable Length	15m (49.21ft)	15m (49.21ft)	30m (98.43ft)	15m (49.21ft)	-	-	-	-
Pan / Tilt / Rotate	0° ~ 350° / 0° ~ 67° / 0° ~ 355°	0° ~ 350° / 0° ~ 67° / 0° ~ 355°	0° ~ 354° / 0° ~ 67° / 0° ~ 355°	0° ~ 350° / 0° ~ 67° / 0° ~ 355°	0° ~ 354° / 0° ~ 67° / 0° ~ 355°	0° ~ 354° / 0° ~ 67° / 0° ~ 355°	0° ~ 354° / 0° ~ 67° / 0° ~ 355°	-
Day & Night	True (ICR)	True (ICR)	True (ICR)	True (ICR)	True (ICR)	True (ICR)	True (ICR)	Electrical
Backlight Compensation	BLC, DWDR	BLC, DWDR	WDR (130dB)	BLC, DWDR	BLC	WDR (120dB)	WDR (120dB)	WDR (120dB)
Digital Noise Reduction	SSNR	SSNR	SSNR(III) (2D+3D noise filter)	SSNR	SSNR (2D+3D noise filter)	SSNR(III) (2D+3D noise filter)	SSNR(III) (2D+3D noise filter)	SSNR(III) (2D+3D noise filter)
OPERATIONAL								
Digital Image Stabilization	-	-	Support	-	-	Support	Support	Support
Intelligent Video Analytics	Motion detection with metadata, Tampering	Motion detection with metadata, Tampering	Tampering, Virtual line, Enter / Exit, (Dis)Appear, Audio detection, Face detection	Motion detection with metadata, Tampering	Motion detection, Tampering, Audio detection	Tampering, Virtual line, Enter / Exit, (Dis)Appear, Audio detection, Face detection	Tampering, Virtual line, Enter / Exit, (Dis)Appear, Audio detection, Face detection	Tampering, Virtual line, Enter / Exit, (Dis)Appear, Face detection, People counting, Zone analyzing
Protocol	ONVIF profile S & G, SUNAPI	ONVIF profile S & G, SUNAPI	ONVIF profile S, SUNAPI, Open platform	ONVIF profile S & G, SUNAPI	ONVIF profile S, SUNAPI, Open platform	ONVIF profile S, SUNAPI, Open platform	ONVIF profile S, SUNAPI, Open platform	ONVIF profile S, SUNAPI, Open platform
Alarm I/O	-	-	1/1	-	1/1	1/1	1/1	-
Audio	Uni-directional	Uni-directional	Bi-directional	Uni-directional	Bi-directional	Bi-directional	Bi-directional	-
Edge Storage	micro SD/SDHC, NAS	micro SD/SDHC, NAS	micro SD/SDHC/SDXC, NAS	micro SD/SDHC, NAS	micro SD/SDHC/SDXC, NAS	micro SD/SDHC/SDXC, NAS	SD/SDHC/SDXC, NAS	SD/SDHC/SDXC, NAS
Environment Protection	-	-	-	-	IP66, IK10	IP66, IK10	IP66, IK10	IP66, IK10
Operating Temperature	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-40°C ~ +55°C (-40°F ~ +131°F) *Start up above -35°C (-31°F)	-40°C ~ +55°C (-40°F ~ +131°F) *Start up above -35°C (-31°F)	-40°C ~ +55°C (-40°F ~ +131°F) *Start up above -35°C (-31°F)	-30°C ~ +55°C (-22°F ~ +131°F) *Start up above -10°C (+14°F)
FEATURES								
Power	PoE (Max. 5.4W)	PoE (Max. 5.9W)	DC 12V, PoE (Max. 10.5W)	PoE (Max. 5.4W)	AC 24V (Max. 14.2W) DC 12V (Max. 11.5W) PoE (Max. 12.95W)	AC 24V (Max. 11.0W, 13.0W - Heater on) DC 12V (Max. 9.0W, 11.5W - Heater on) PoE (Max. 10.0W, 12.5W - Heater on)	DC 12V, AC 24V (Max. 14.0W - Heater on), PoE (Max. 12.95W - Heater on)	PoE (Max. 7.5W)
Dimensions (WxHxD) / Weight	Ø119.8 x 98.8mm (Ø4.72" x 3.89") 290g (0.64 lb)	Ø110.0 x 86.0mm (Ø4.33" x 3.39") 245g (0.54 lb)	Ø132.1 x 107.6mm (Ø5.2" x 4.24") 585g (1.29 lb)	Ø119.8 x 98.8mm (Ø4.72" x 3.89") 290g (0.64 lb)	Ø160.0 x 118.5mm (Ø6.3" x 4.67") 980g (2.16 lb)	Ø160.0 x 118.5mm (Ø6.3" x 4.67") 960g (2.12 lb)	Ø160.0 x 118.5mm (Ø6.3" x 4.67") 985g (2.17 lb)	Ø112.8 x 63.7mm (Ø4.44" x 2.51") 550g (1.21 lb)
Additional Features	Lens Distortion Correction, Hallway view	Lens Distortion Correction, Hallway view	P-Iris, Defog	Lens Distortion Correction, Hallway view	-	P-Iris, Defog	P-Iris, Defog	Defog



WISENET III
SNV-6012M

WISENET III
SNV-5084

WISENET III
SNV-8081R

WISENET III
SNV-7084R

WISENET III
SNV-6085R

WISENET III
SNV-6084R

WISENET Lite
SNV-L6083R

WISENET Lite
SNV-L6013R

	2MP	1.3MP	5MP	3MP	2MP	2MP	2MP	2MP
Resolution	2MP	1.3MP	5MP	3MP	2MP	2MP	2MP	2MP
Imaging Device	1/2.8" 2.38M CMOS	1/3" 1.3M CMOS	1/1.8" 6M CMOS	1/2.8" 3.2M CMOS	1/2.8" 2.38M CMOS	1/2.8" 2.38M CMOS	1/2.9" 2.19M CMOS	1/2.9" 2.19M CMOS
Video Compression Format	H.264, MJPEG	H.264, MJPEG	H.265, H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG
Resolution / Max. Frame Rate	2M / 60fps	1.3M / 60fps	5M / 30fps	3M / 30fps	2M / 60fps	2M / 60fps	2M / 30fps	2M / 30fps
Streaming Capacity	Multiple (Up to 10 profiles)	Multiple (Up to 10 profiles)	Multiple (Up to 3 profiles)	Multiple (Up to 10 profiles)	Multiple (Up to 10 profiles)	Multiple (Up to 10 profiles)	Multiple (Up to 3 profiles)	Multiple (Up to 3 profiles)
Max. User Access	15 (Unicast)	15 (Unicast)	10 (Unicast)	15 (Unicast)	15 (Unicast)	15 (Unicast)	6 (Unicast)	6 (Unicast)
Min. Illumination	Color : 0.15Lux B/W : 0.15Lux	Color : 0.008Lux B/W : 0.002Lux	Color : 0.15Lux B/W : 0Lux (IR LED on)	Color : 0.06Lux B/W : 0Lux (IR LED on)	Color : 0.09Lux B/W : 0Lux (IR LED on)	Color : 0.03Lux B/W : 0Lux (IR LED on)	Color : 0.095Lux B/W : 0Lux (IR LED on)	Color : 0.15Lux B/W : 0Lux (IR LED on)
VIDEO								
Video Output	CVBS 1.0Vpp DIP connector type	CVBS 1.0Vpp DIP connector type	CVBS 1.0Vpp DIP connector type	CVBS 1.0Vpp DIP connector type	CVBS 1.0Vpp DIP connector type	CVBS 1.0Vpp DIP connector type	-	-
Lens	3mm fixed (F2.0)	3 ~ 8.5mm (2.8x) Motorized V/F (F1.2)	3.93 ~ 9.4mm (2.4x) Motorized V/F (F1.3)	3 ~ 8.5mm (2.8x) Motorized V/F (F1.2)	10 ~ 23mm (2.3x) Motorized V/F (F1.6)	3 ~ 8.5mm (2.8x) Motorized V/F (F1.2)	2.8 ~ 12mm (4.3x) V/F (F1.4)	3.6mm fixed (F1.8)
Angular Field of View	H 103.1° / V 53.9° / D 124.5°	H : 93.3°(Wide) ~ 33.2°(Tele) / V : 73.7°(Wide) ~ 26.6°(Tele)	H : 93.4°(Wide) ~ 39.2°(Tele) / V : 68.1°(Wide) ~ 29.3°(Tele)	H : 100.12°(Wide) ~ 35.38°(Tele) / V : 73.7°(Wide) ~ 26.58°(Tele)	H : 31.3°(Wide) ~ 13.9°(Tele) / V : 17.1°(Wide) ~ 7.8°(Tele)	H : 105.5°(Wide) ~ 37.1°(Tele) / V : 57.5°(Wide) ~ 21.0°(Tele)	H : 103.8°(Wide) ~ 32.4°(Tele) / V : 53.7°(Wide) ~ 18.4°(Tele) / D : 121.9°(Wide) ~ 37.1°(Tele)	H : 86.5° / V : 47.8° / D : 101.2°
Focus Control	-	Simple focus (Motorized V/F) / Manual	Simple focus (Motorized V/F) / Manual	Simple focus (Motorized V/F) / Manual	Simple focus (Motorized V/F) / Manual	Simple focus (Motorized V/F) / Manual	Manual	-
OPERATIONAL								
IR Viewable Length	-	-	30m (98.43ft)	25m (82.02ft)	20m (65.62ft)	15m (49.21ft)	20m (65.62ft)	15m (49.21ft)
Pan / Tilt / Rotate	-10° ~ 10° / 0° ~ 90° / - Electrical	0° ~ 354° / 0° ~ 67° / 0° ~ 355° True (ICR)	0° ~ 354° / 0° ~ 67° / 0° ~ 355° True (ICR)	0° ~ 354° / 0° ~ 67° / 0° ~ 355° True (ICR)	0° ~ 354° / 0° ~ 67° / 0° ~ 355° True (ICR)	0° ~ 354° / 0° ~ 67° / 0° ~ 355° True (ICR)	0° ~ 350° / 0° ~ 67° / 0° ~ 355° True (ICR)	-5° ~ 5° / 0° ~ 67° / 90° True (ICR)
Backlight Compensation	WDR (120dB)	WDR (130dB)	WDR (120dB)	WDR (120dB)	WDR (120dB)	WDR (120dB)	BLC, DWDR	BLC, DWDR
Digital Noise Reduction	SSNRIII (2D+3D noise filter)	SSNRIII (2D+3D noise filter)	SSNR (2D+3D noise filter)	SSNRIII (2D+3D noise filter)	SSNRIII (2D+3D noise filter)	SSNRIII (2D+3D noise filter)	SSNR	SSNR
Digital Image Stabilization	Support	Support	Support	Support	Support	Support	-	-
Intelligent Video Analytics	Tampering, Virtual line, Enter / Exit, (Dis)Appear, Face detection	Tampering, Virtual line, Enter / Exit, (Dis)Appear, Audio detection, Face detection	Motion detection, Tampering, Audio detection with metadata	Tampering, Virtual line, Enter / Exit, (Dis)Appear, Audio detection, Face detection	Tampering, Virtual line, Enter / Exit, (Dis)Appear, Audio detection, Face detection	Tampering, Virtual line, Enter / Exit, (Dis)Appear, Audio detection, Face detection	Motion detection with metadata, Tampering	Motion detection with metadata, Tampering
FEATURES								
Protocol	ONVIF profile S, SUNAPI, Open platform	ONVIF profile S, SUNAPI, Open platform	ONVIF profile S, SUNAPI, Open platform	ONVIF profile S, SUNAPI, Open platform	ONVIF profile S, SUNAPI, Open platform	ONVIF profile S, SUNAPI, Open platform	ONVIF profile S & G, SUNAPI	ONVIF profile S, SUNAPI
Alarm I/O	-	1/1	1/1	1/1	1/1	1/1	-	-
Audio	-	Bi-directional	Bi-directional	Bi-directional	Bi-directional	Bi-directional	Uni-directional	Uni-directional
Edge Storage	SD/SDHC/SDXC, NAS	SD/SDHC/SDXC, NAS	SD/SDHC/SDXC, NAS, Local PC	micro SD/SDHC/SDXC, NAS	micro SD/SDHC, NAS, Local PC	SD/SDHC/SDXC, NAS	micro SD/SDHC, NAS	micro SD/SDHC, NAS
Environment Protection	IP66, IK10 / EN50155, EN50121	IP66, IK10	IP66, IK10	IP66, IK10	IP66, IK10	IP66, IK10	IP66, IK10	IP66, IK10
Operating Temperature	-30°C ~ +55°C (-22°F ~ +131°F)	-40°C ~ +55°C (-40°F ~ +131°F) *Start up above -35°C (-31°F)	-40°C ~ +55°C (-40°F ~ +131°F) *Start up above -35°C (-31°F)	AC 24V : -40°C ~ +55°C (-40°F ~ +131°F) DC 12V, PoE : -20°C ~ +55°C (-4°F ~ +131°F) *Start up above -10°C (+14°F)	-40°C ~ +55°C (-40°F ~ +131°F) *Start up above -35°C (-31°F)	AC 24V : -40°C ~ +55°C (-40°F ~ +131°F) DC 12V, PoE : -20°C ~ +55°C (-4°F ~ +131°F) *Start up above -10°C (+14°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)
Power	PoE (Max. 7.5W)	DC 12V, AC 24V (Max. 14.0W - Heater on), PoE (Max. 12.95W - Heater on)	AC 24V (Max. 12.0W / 13.5W - Heater on) DC 12V (Max. 10.0W) / 11.5W - Heater on) PoE (Max. 11.5W) / 12.95W - Heater on)	AC 24V (Max. 12.0W, 15.0W - Heater on), DC 12V (Max. 10.5W), PoE (Max. 11.5W)	AC 24V, DC 12V, PoE (Max. 11.0W - Heater off), (Max. 12.95W - Heater on)	Max. 9.5W, AC 24V (Max. 13.5W - Heater on)	PoE (Max. 5.8W)	PoE
Dimensions (WxHxD) / Weight	135.2 x 54.3 x 124.5mm (5.32" x 2.14" x 4.9") 530g (1.17 lb)	Ø160.0 x 118.5mm (Ø6.3" x 4.67") 985g (2.17 lb)	Ø160.0 x 118.5mm (Ø6.3" x 4.67") 955g (2.11 lb)	Ø160.0 x 118.5mm (Ø6.3" x 4.67") 975g (2.15 lb)	Ø160.0 x 118.5mm (Ø6.3" x 4.67") 970g (2.14 lb)	Ø160.0 x 118.5mm (Ø6.3" x 4.67") 960g (2.12 lb)	Ø137.0 x 106.1mm (Ø5.39" x 4.18") 670g (1.48 lb)	99.0 x 52.0 x 100.0mm (3.9" x 2.05" x 3.94") 300g (0.66 lb)
Additional Features	Defog, M12 connector	P-Iris, Defog	Lens Distortion Correction, Hallway view, P-Iris	P-Iris, Defog	P-Iris, Defog	P-Iris, Defog	Lens Distortion Correction, Hallway view	Lens Distortion Correction, Hallway view

NETWORK



New



New



New



WISENET Lite
SNV-L6014RM

WISENET III
SNV-5084R

WISENET Lite
SNV-L5083R

WISENET III
SNP-6321H

WISENET III
SNP-6321

WISENET Lite
SNP-L6233H

WISENET Lite
SNP-L6233

WISENET III
SNP-5321H/5321

	2MP	1.3MP	1.3MP	2MP	2MP	2MP	2MP	1.3MP
Resolution	2MP	1.3MP	1.3MP	2MP	2MP	2MP	2MP	1.3MP
Imaging Device	1/2.9" 2.19M CMOS	1/3" 1.37M CMOS	1/3" 1.37M CMOS	1/2.8" 2.38M CMOS	1/2.8" 2.38M CMOS	1/2.8" 2.38M CMOS	1/2.8" 2.38M CMOS	1/3" 1.3M CMOS
Video Compression Format	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG
Resolution / Max. Frame Rate	2M / 30fps	1.3M / 60fps	1.3M / 30fps	2M / 60fps	2M / 60fps	2M / 30fps	2M / 30fps	1.3M / 60fps
Streaming Capacity	Multiple (Up to 3 profiles)	Multiple (Up to 10 profiles)	Multiple (Up to 3 profiles)	Multiple (Up to 10 profiles)	Multiple (Up to 10 profiles)	Multiple (Up to 10 profiles)	Multiple (Up to 10 profiles)	Multiple (Up to 10 profiles)
Max. User Access	6 (Unicast)	15 (Unicast)	6 (Unicast)	10 (Unicast)	10 (Unicast)	10 (Unicast)	10 (Unicast)	10 (Unicast)
Min. Illumination	Color : 0.15Lux B/W : 0Lux (IR LED on)	Color : 0.005Lux B/W : 0Lux (IR LED on)	Color : 0.04Lux B/W : 0Lux (IR LED on)	Color : 0.15Lux B/W : 0.015Lux	Color : 0.15Lux B/W : 0.015Lux	Color : 0.15Lux B/W : 0.015Lux	Color : 0.15Lux B/W : 0.015Lux	Color : 0.05Lux B/W : 0.005Lux
VIDEO								
Video Output	-	CVBS 1.0Vpp DIP connector type	-	CVBS 1.0Vpp	CVBS 1.0Vpp	CVBS 1.0Vpp	CVBS 1.0Vpp	CVBS 1.0Vpp
Lens	3.6mm fixed (F1.8)	3 ~ 8.5mm (2.8x) Motorized V/F (F1.2)	2.8 ~ 12mm (4.3x) V/F (F1.4)	4.44 ~ 142.6mm (Optical 32x) F1.6(Wide) / F4.4(Tele)	4.44 ~ 142.6mm (Optical 32x) F1.6(Wide) / F4.4(Tele)	4.44 ~ 102.1mm (Optical 23x)	4.44 ~ 102.1mm (Optical 23x)	4.44 ~ 142.6mm (Optical 32x) F1.6(Wide) / F4.4(Tele)
Angular Field of View	H : 86.5° / V : 47.8° / D : 101.2°	H : 93.4°(Wide) ~ 33.1°(Tele) / V : 73.8°(Wide) ~ 26.5°(Tele)	H : 88.2°(Wide) ~ 28.6°(Tele) / V : 69.4°(Wide) ~ 23.0°(Tele) / D : 117.3°(Wide) ~ 36.2°(Tele)	H : 62.8°(Wide) ~ 2.23°(Tele) / V : 36.8°(Wide) ~ 1.26°(Tele)	H : 62.8°(Wide) ~ 2.23°(Tele) / V : 36.8°(Wide) ~ 1.26°(Tele)	H : 62.8°(Wide) ~ 3.14°(Tele) / V : 36.8°(Wide) ~ 1.76°(Tele)	H : 62.8°(Wide) ~ 3.14°(Tele) / V : 36.8°(Wide) ~ 1.76°(Tele)	H : 56.8°(Wide) ~ 1.99°(Tele) / V : 46.3°(Wide) ~ 1.6°(Tele)
Focus Control	-	Simple focus (Motorized V/F) / Manual	Manual	Auto / Manual / One push	Auto / Manual / One push	Auto / Manual / One push	Auto / Manual / One push	Auto / Manual / One push
OPERATIONAL								
IR Viewable Length	15m (49.21ft)	30m (98.43ft)	20m (65.62ft)	-	-	-	-	-
Pan / Tilt / Rotate	-5° ~ 5° / 0° ~ 67° / 90°	0° ~ 354° / 0° ~ 67° / 0° ~ 355°	0° ~ 350° / 0° ~ 67° / 0° ~ 355°	360° Endless / 210° (-15° ~ 195°) / -	360° Endless / 210° (-15° ~ 195°) / -	360° Endless / 210° (-15° ~ 195°) / -	360° Endless / 210° (-15° ~ 195°) / -	360° Endless / 210° (-15° ~ 195°) / -
Day & Night	True (ICR)	True (ICR)	True (ICR)	True (ICR)	True (ICR)	True (ICR)	True (ICR)	True (ICR)
Backlight Compensation	BLC, DWDR	WDR (130dB)	BLC, DWDR	WDR (120dB)	WDR (120dB)	WDR (100dB)	WDR (100dB)	WDR (120dB)
Digital Noise Reduction	SSNR	SSNRIII (2D+3D noise filter)	SSNR	SSNRIII (2D+3D noise filter)	SSNRIII (2D+3D noise filter)	SSNRIII (2D+3D noise filter)	SSNRIII (2D+3D noise filter)	SSNRIII (2D+3D noise filter)
Digital Image Stabilization	-	Support	-	Support	Support	Support	Support	Support
Intelligent Video Analytics	Motion detection with metadata, Tampering	Tampering, Virtual line, Enter / Exit, (Dis)Appear, Audio detection, Face detection	Motion detection with metadata, Tampering	Tampering, Virtual line, Enter / Exit, (Dis)Appear, Audio detection, Face detection	Tampering, Virtual line, Enter / Exit, (Dis)Appear, Audio detection, Face detection	Tampering, Virtual line, Enter / Exit, (Dis)Appear, Audio detection, Face detection	Tampering, Virtual line, Enter / Exit, (Dis)Appear, Audio detection, Face detection	Tampering, Virtual line, Enter / Exit, (Dis)Appear, Audio detection, Face detection
FEATURES								
Protocol	ONVIF profile S, SUNAPI	ONVIF profile S, SUNAPI, Open platform	ONVIF profile S & G, SUNAPI	ONVIF profile S, SUNAPI, Open platform	ONVIF profile S, SUNAPI, Open platform	ONVIF profile S, SUNAPI, Open platform	ONVIF profile S, SUNAPI, Open platform	ONVIF profile S, SUNAPI, Open platform
Alarm I/O	-	1 / 1	-	4 / 2 (Relay)	4 / 2 (Relay)	4 / 2 (Relay)	4 / 2 (Relay)	4 / 2 (Relay)
Audio	Bi-directional	Bi-directional	Uni-directional	Bi-directional	Bi-directional	Bi-directional	Bi-directional	Bi-directional
Edge Storage	micro SD/SDHC, NAS	micro SD/SDHC/SDXC, NAS	micro SD/SDHC, NAS	SD/SDHC/SDXC, NAS	SD/SDHC/SDXC, NAS	SD/SDHC/SDXC, NAS	SD/SDHC/SDXC, NAS	SD/SDHC/SDXC, NAS
Environment Protection	IP66, IK10	IP66, IK10	IP66, IK10	IP66, IK10	IK10 (With SHP-3701H)	IP66, IK10	IK10 (With SHP-3701H)	IP66, IK10 (SNP-5321H), IK10 (With SHP-3701H) (SNP-5321)
Operating Temperature	-30°C ~ +55°C (-22°F ~ +131°F) *Start up above -20°C (-4°F)	-40°C ~ +55°C (-40°F ~ +131°F) *Start up above -35°C (-31°F)	-30°C ~ +55°C (-22°F ~ +131°F) *Start up above -20°C (-4°F)	AC 24V : -50°C ~ +55°C (-58°F ~ +131°F) PoE+ : -30°C ~ +55°C (-22°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	AC 24V : -50°C ~ +55°C (-58°F ~ +131°F) PoE+ : -30°C ~ +55°C (-22°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	AC 24V : -50°C ~ +55°C (-58°F ~ +131°F) PoE+ : -30°C ~ +55°C (-22°F ~ +131°F) (SNP-5321H), -10°C ~ +55°C (+14°F ~ +131°F) (SNP-5321)
Power	PoE	AC 24V, DC 12V, PoE (Max. 11.0W, 12.95W - Heater on)	PoE (Max. 5.8W)	AC 24V (Max. 65.0W - AC & PoE heater on) PoE+ (Max. 25.0W - PoE heater on)	AC 24V, PoE+ (Max. 20.0W)	AC 24V (Max. 65.0W - AC & PoE heater on) PoE+ (Max. 25.0W - PoE heater on)	AC 24V, PoE+ (Max. 20.0W)	AC 24V (Max. 65.0W - AC & PoE heater on) PoE+ (Max. 25.0W - PoE heater on) (SNP-5321H), AC 24V, PoE+ (Max. 20.0W) (SNP-5321)
Dimensions (WxHxD) / Weight	99.0 x 52.0 x 100.0mm (3.9" x 2.05" x 3.94") 300g (0.66 lb)	Ø160.0 x 118.5mm (Ø6.3" x 4.67") 985g (2.17 lb)	Ø137.0 x 106.1mm (Ø5.39" x 4.18") 670g (1.48 lb)	Ø223.4 x 293.6mm (Ø8.8" x 11.56") 3.2Kg (7.05 lb)	Ø152.0 x 218.0mm (Ø5.98" x 8.58") 1.8Kg (3.97 lb)	Ø223.4 x 293.6mm (Ø8.8" x 11.56") 3.2Kg (7.05 lb)	Ø152.0 x 218.0mm (Ø5.98" x 8.58") 1.8Kg (3.97 lb)	Ø223.4 x 293.6mm (Ø8.8" x 11.56") 3.2Kg (7.05 lb) (SNP-5321H), Ø152.0 x 218.0mm (Ø5.98" x 8.58") 1.8Kg (3.97 lb) (SNP-5321)
Additional Features	M12 connector, Lens Distortion Correction, Hallway view, Built-in mic	P-Iris, Defog	Lens Distortion Correction, Hallway view	RS-485, Defog	RS-485, Defog	RS-485, Defog	RS-485, Defog	RS-485, Defog

NETWORK



WISENET Lite
SNP-L5233H



WISENET Lite
SNP-L5233



WISENET III plus
SNP-6320H



WISENET III plus
SNP-6320



WISENET III plus
SNP-5430H/5430



WISENET III plus
SNP-6320RH



WISENET III plus
SNP-6230RH



WISENET Lite
SNP-L6233RH

	1.3MP	1.3MP	2MP	2MP	1.3MP	2MP	2MP	2MP
Resolution	1.3MP	1.3MP	2MP	2MP	1.3MP	2MP	2MP	2MP
Imaging Device	1/3" 1.3M CMOS	1/3" 1.3M CMOS	1/2.8" 2.38M CMOS	1/2.8" 2.38M CMOS	1/4" 1.3M CMOS	1/2.8" 2.38M CMOS	1/2.8" 2.38M CMOS	1/2.8" 2.38M CMOS
Video Compression Format	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG
Resolution / Max. Frame Rate	1M / 30fps	1M / 30fps	2M / 60fps	2M / 60fps	1.3M / 60fps	2M / 60fps	2M / 60fps	2M / 30fps
Streaming Capacity	Multiple (Up to 10 profiles)	Multiple (Up to 10 profiles)	Multiple (Up to 10 profiles)	Multiple (Up to 10 profiles)	Multiple (Up to 10 profiles)	Multiple (Up to 10 profiles)	Multiple (Up to 10 profiles)	Multiple (Up to 10 profiles)
Max. User Access	10 (Unicast)	10 (Unicast)	15 (Unicast)	15 (Unicast)	15 (Unicast)	15 (Unicast)	15 (Unicast)	15 (Unicast)
Min. Illumination	Color : 0.05Lux B/W : 0.005Lux	Color : 0.05Lux B/W : 0.005Lux	Color : 0.2Lux B/W : 0.01Lux	Color : 0.2Lux B/W : 0.01Lux	Color : 0.3Lux B/W : 0.006Lux	Color : 0.1Lux B/W : 0Lux (IR LED on)	Color : 0.1Lux B/W : 0Lux (IR LED on)	Color : 0.1Lux B/W : 0Lux (IR LED on)
Video Output	CVBS 1.0Vpp	CVBS 1.0Vpp	CVBS 1.0Vpp	CVBS 1.0Vpp	CVBS 1.0Vpp	CVBS 1.0Vpp	CVBS 1.0Vpp	CVBS 1.0Vpp
Lens	4.44 ~ 102.1mm (Optical 23x)	4.44 ~ 102.1mm (Optical 23x)	4.44 ~ 142.6mm (Optical 32x) F1.6(Wide) / F4.4(Tele)	4.44 ~ 142.6mm (Optical 32x) F1.6(Wide) / F4.4(Tele)	3.5 ~ 150.5mm (Optical 43x) F1.4(Wide) / F4.9(Tele)	4.4 ~ 140.8mm (IR corrected optical 32x) F1.6(Wide) / F4.9(Tele)	4.4 ~ 101.2mm (IR corrected optical 23x) F1.6(Wide) / F4.5(Tele)	4.4 ~ 101.2mm (IR corrected optical 23x) F1.6(Wide) / F4.5(Tele)
Angular Field of View	H : 56.8°(Wide) ~ 2.8°(Tele) / V : 46.3°(Wide) ~ 2.24°(Tele)	H : 56.8°(Wide) ~ 2.8°(Tele) / V : 46.3°(Wide) ~ 2.24°(Tele)	H : 62.8°(Wide) ~ 2.23°(Tele) / V : 36.8°(Wide) ~ 1.26°(Tele)	H : 62.8°(Wide) ~ 2.23°(Tele) / V : 36.8°(Wide) ~ 1.26°(Tele)	H : 53.92°(Wide) ~ 1.396°(Tele) / V : 44.08°(Wide) ~ 1.12°(Tele)	H : 63.68°(Wide) ~ 2.24°(Tele) / V : 37.52°(Wide) ~ 1.28°(Tele)	H : 63.68°(Wide) ~ 3.1°(Tele) / V : 37.52°(Wide) ~ 1.76°(Tele)	H : 63.68°(Wide) ~ 3.1°(Tele) / V : 37.52°(Wide) ~ 1.76°(Tele)
Focus Control	Auto / Manual / One push	Auto / Manual / One push	Auto / Manual / One push	Auto / Manual / One push	Auto / Manual / One push	AF / One-shot AF / Manual	AF / One-shot AF / Manual	AF / One-shot AF / Manual
IR Viewable Length	-	-	-	-	-	150m (492.13ft)	100m (328.08ft)	100m (328.08ft)
Pan / Tilt / Rotate	360° Endless / 210° (-15° ~ 195°) / True (ICR)	360° Endless / 210° (-15° ~ 195°) / True (ICR)	360° Endless / 210° (-15° ~ 195°) / True (ICR)	360° Endless / 210° (-15° ~ 195°) / True (ICR)	360° Endless / 210° (-15° ~ 195°) / True (ICR)	360° Endless / 190° (-5° ~ 185°) / True (ICR)	360° Endless / 190° (-5° ~ 185°) / True (ICR)	360° Endless / 190° (-5° ~ 185°) / True (ICR)
Day & Night	True (ICR)	True (ICR)	True (ICR)	True (ICR)	True (ICR)	True (ICR)	True (ICR)	True (ICR)
Backlight Compensation	WDR (100dB)	WDR (100dB)	WDR (120dB)	WDR (120dB)	WDR (120dB)	WDR (120dB)	WDR (120dB)	WDR (120dB)
Digital Noise Reduction	SSNRIII (2D+3D noise filter)	SSNRIII (2D+3D noise filter)	SSNRIII (2D+3D noise filter)	SSNRIII (2D+3D noise filter)	SSNRIII (2D+3D noise filter)	SSNRIII (2D+3D noise filter)	SSNRIII (2D+3D noise filter)	SSNR
Digital Image Stabilization	Support	Support	Support	Support	Support	Support	Support	Support
Intelligent Video Analytics	Tampering, Virtual line, Enter / Exit, (Dis)Appear, Audio detection, Face detection	Tampering, Virtual line, Enter / Exit, (Dis)Appear, Audio detection, Face detection	Tampering, Virtual line, Enter / Exit, (Dis)Appear, Audio detection, Face detection	Tampering, Virtual line, Enter / Exit, (Dis)Appear, Audio detection, Face detection	Tampering, Virtual line, Enter / Exit, (Dis)Appear, Audio detection, Face detection	Tampering, Virtual line, Enter / Exit, (Dis)Appear, Audio detection, Face detection	Tampering, Virtual line, Enter / Exit, (Dis)Appear, Audio detection, Face detection	Tampering, Virtual line, Enter / Exit, (Dis)Appear, Audio detection, Face detection
Protocol	ONVIF profile S, SUNAPI, Open platform	ONVIF profile S, SUNAPI, Open platform	ONVIF profile S, SUNAPI, Open platform	ONVIF profile S, SUNAPI, Open platform	ONVIF profile S, SUNAPI, Open platform	ONVIF profile S, SUNAPI, Open platform	ONVIF profile S, SUNAPI, Open platform	ONVIF profile S, SUNAPI
Alarm I/O	4 / 2 (Relay)	4 / 2 (Relay)	4 / 2 (Relay)	4 / 2 (Relay)	4 / 2 (Relay)	4 / 3 (Relay)	4 / 3 (Relay)	4 / 3 (Relay)
Audio	Bi-directional	Bi-directional	Bi-directional	Bi-directional	Bi-directional	Bi-directional	Bi-directional	Bi-directional
Edge Storage	SD/SDHC/SDXC, NAS	SD/SDHC/SDXC, NAS	SD/SDHC/SDXC, NAS	micro SD/SDHC/SDXC, NAS	SD/SDHC/SDXC (SNP-5430H), NAS	SD/SDHC/SDXC, NAS, Local PC	SD/SDHC/SDXC, NAS, Local PC	SD/SDHC/SDXC, NAS, Local PC
Environment Protection	IP66, IK10	IK10 (With SHP-3701H)	IP66, IK10	IK10 (With SHP-3701H)	IP66, IK10 (SNP-5430H), IK10 (With SHP-3701H) (SNP-5430)	IP66, IK10	IP66, IK10	IP66, IK10
Operating Temperature	AC 24V : -50°C ~ +55°C (-58°F ~ +131°F) PoE+ : -30°C ~ +55°C (-22°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	AC 24V : -50°C ~ +55°C (-58°F ~ +131°F) PoE+ : -30°C ~ +55°C (-22°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	AC 24V : -50°C ~ +55°C (-58°F ~ +131°F) PoE+ : -30°C ~ +55°C (-22°F ~ +131°F) (SNP-5430H), -10°C ~ +55°C (+14°F ~ +131°F) (SNP-5430)	-50°C ~ +55°C (-58°F ~ +131°F)	-50°C ~ +55°C (-58°F ~ +131°F)	-50°C ~ +55°C (-58°F ~ +131°F)
Power	AC 24V (Max. 65.0W - AC & PoE heater on) PoE+ (Max. 25.0W - PoE heater on)	AC 24V, PoE+ (Max. 20.0W)	AC 24V, PoE+ (Max. 24.0W), AC 24V (Max. 65.0W - Heater on)	AC 24V, PoE+ (Max. 20.0W)	AC 24V, PoE+ (Max. 24.0W), AC 24V (Max. 65.0W - Heater on) (SNP-5430H), AC 24V, PoE+ (Max. 20.0W) (SNP-5430)	AC 24V (Max. 30.0W - heater off Max. 35.0W/90.0W - heater off/on, IR on)	AC 24V (Max. 30.0W - heater off Max. 35.0W/90.0W - heater off/on, IR on)	AC 24V (Max. 30.0W - heater off Max. 35.0W/90.0W - heater off/on, IR on)
Dimensions (WxHxD) / Weight	Ø223.4 x 293.6mm (Ø8.8" x 11.56") 3.2Kg (7.05 lb)	Ø152.0 x 218.0mm (Ø5.98" x 8.58") 1.8Kg (3.97 lb)	Ø223.4 x 293.6mm (Ø8.8" x 11.56") 3.3Kg (7.28 lb)	Ø152.0 x 218.0mm (Ø5.98" x 8.58") 2.2Kg (4.85 lb)	Ø223.4 x 293.6mm (Ø8.8" x 11.56") 3.4Kg (7.5 lb) (SNP-5430H), Ø152.0 x 218.0mm (Ø5.98" x 8.58") 2.2Kg (4.85 lb) (SNP-5430)	Ø248.0 x 399.5mm (Ø9.76" x 15.73") 7.1Kg (15.65 lb)	Ø248.0 x 399.5mm (Ø9.76" x 15.73") 7.1Kg (15.65 lb)	Ø248.0 x 399.5mm (Ø9.76" x 15.73") 7.1Kg (15.65 lb)
Additional Features	RS-485, Defog	RS-485, Defog	Auto tracking, RS-485, Defog	Auto tracking, RS-485, Defog	Auto tracking, RS-485, Defog	Auto tracking, RS-485/422, Defog	Auto tracking, RS-485/422, Defog	RS-485/422, Defog



SRN-4000



SRN-1673S



SRN-873S

	SRN-4000	SRN-1673S	SRN-873S
OS	Linux	Linux	Linux
Supported Compression	H.264, MPEG-4, MJPEG	H.264, MJPEG	H.264, MJPEG
Max. Recording Bit Rate	400Mbps	80Mbps	64Mbps
Max # of Cameras	64	16	8
Internal Storage	Up to 12 SATA	Up to 4 SATA	Up to 2 SATA
External Storage	iSCSI	1 e-SATA	1 e-SATA
RAID	RAID 5/6	-	-
Hot Swap	Yes	-	-
Isolated Networks for Cameras / Source	Yes	Yes	Yes
Network Viewer Software	SSM, SmartViewer, iPOLiS mobile	SSM, SmartViewer, iPOLiS mobile	SSM, SmartViewer, iPOLiS mobile
Local Monitor	HDMI / VGA	HDMI / VGA	HDMI / VGA
Camera Support	Samsung, ONVIF	Samsung, ONVIF	Samsung, ONVIF
Features	<ul style="list-style-type: none"> Redundant hot swap power supply Built-in intelligent video analysis (Heatmap, Video summary, Object classification) Webviewer supported 	<ul style="list-style-type: none"> Plug & play by 16 PoE / PoE+ ports Webviewer supported HDD removable (Easy install) 	<ul style="list-style-type: none"> Plug & play by 8 PoE / PoE+ ports Webviewer supported



SRN-473S



SRN-472S



SRM-872

	SRN-473S	SRN-472S	SRM-872
OS	Linux	Linux	Linux
Supported Compression	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG
Max. Recording Bit Rate	32Mbps	32Mbps	64Mbps
Max # of Cameras	4	4	8
Internal Storage	Up to 1 SATA	Up to 2 SATA	Up to 1 SATA (2.5")
External Storage	-	-	-
RAID	-	-	-
Hot Swap	-	-	Yes
Isolated Networks for Cameras / Source	Yes	Yes	Yes
Network Viewer Software	SSM, SmartViewer, iPOLiS mobile	SSM, SmartViewer, iPOLiS mobile	SmartViewer AUTO, iPOLiS mobile AUTO
Local Monitor	HDMI / VGA	HDMI / VGA	HDMI / VGA
Camera Support	Samsung, ONVIF	Samsung, ONVIF	Samsung, ONVIF
Features	<ul style="list-style-type: none"> Plug & play by 4 PoE / PoE+ ports Webviewer supported 	<ul style="list-style-type: none"> Plug & play by 4 PoE ports Webviewer supported 	<ul style="list-style-type: none"> Plug & play by 8 PoE ports GPS supported Standards approval for transportation (EN50155, EN61373)



ALL-POWERFUL

is the ease with which it can record in real-time from 64x2 megapixel cameras

The 'all conquering' SRN-4000 is in a class of its own, having just been conferred PSI Premier Awards Winner 2015.

Apart from its ability to record in real-time the images from 64 x 2 Megapixel cameras; yes, sixty-four, the SRN-4000 is also highly resilient and easy to use.

It is this combination of winning factors that is attracting the attention of installers and system integrators who are looking to minimise the total cost of ownership of their clients' video surveillance systems.

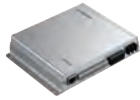


samsung-security.eu

SAMSUNG

NETWORK

Encoder / Decoder / Encoder Rack



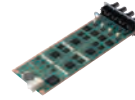
SPE-400



SPE-101



SPE-100



SPE-400B



SPD-400



SPE-1600R

	SPE-400	SPE-101	SPE-100	SPE-400B
Max. # of Cameras	4	1	1	4
Supported Compression	H.264, M-JPEG, MPEG-4	H.264, M-JPEG, MPEG-4	H.264, M-JPEG, MPEG-4	H.264, M-JPEG, MPEG-4
Max. Resolution	704 x 480 / 704 x 576 (NTSC / PAL)	704 x 480 / 704 x 576 (NTSC / PAL)	704 x 480 / 704 x 576 (NTSC / PAL)	704 x 480 / 704 x 576 (NTSC / PAL)
Max. Frame Rate per Channel	30/25fps (NTSC / PAL)	30/25fps (NTSC / PAL)	30/25fps (NTSC / PAL)	30/25fps (NTSC / PAL)
Bi-Directional Audio	Yes	-	Yes	-
RS-485	4	1	1	4
Alarm I/O	4 / 4	-	1 / 1	4 / 4
SD Card	SD/SDHC	-	SD/SDHC	-
ONVIF	Yes	Yes	Yes	Yes
Power	DC 12V	DC 12V / PoE	DC 12V / PoE	DC 5V

Video Out	HDMI, VGA, CVBS
Resolution	H.264 : up to 2M / Quad view-up to 720p
Display	Single view, Quad view
Support Device	Samsung, Axis
Webviewer	Supported OS : Window XP Supported Browser : IE 7.0 or 8.0, Firefox 2.x, 3.x, Chrome, Safari
Power	DC 12V

# of Slots	4 slots for SPE-400B
Max. # of Channels	16
Network	RJ-45 (10/100/1000BASE-T)
Rack Size	1U
Power	AC 100V ~ 240V

Controller / PoE Extender



SPC-2000



SPO-100

	Network Controller	PoE Extender
Features	<ul style="list-style-type: none"> • Superior system compatibility • 3D joystick control • Quick and easy installation • SSM support 	<ul style="list-style-type: none"> • Simultaneous transmission of power and IP data with the cat 5 cable • Supporting TCP speed of 100Mbps full duplex • The maximum transmission distance for ethernet data can be extended more than 100m depending on the camera and power source • A camera with up to 11.7W power consumption can be connected as power is supplied through the PoE Hub • Built-in surge protection circuit for safety

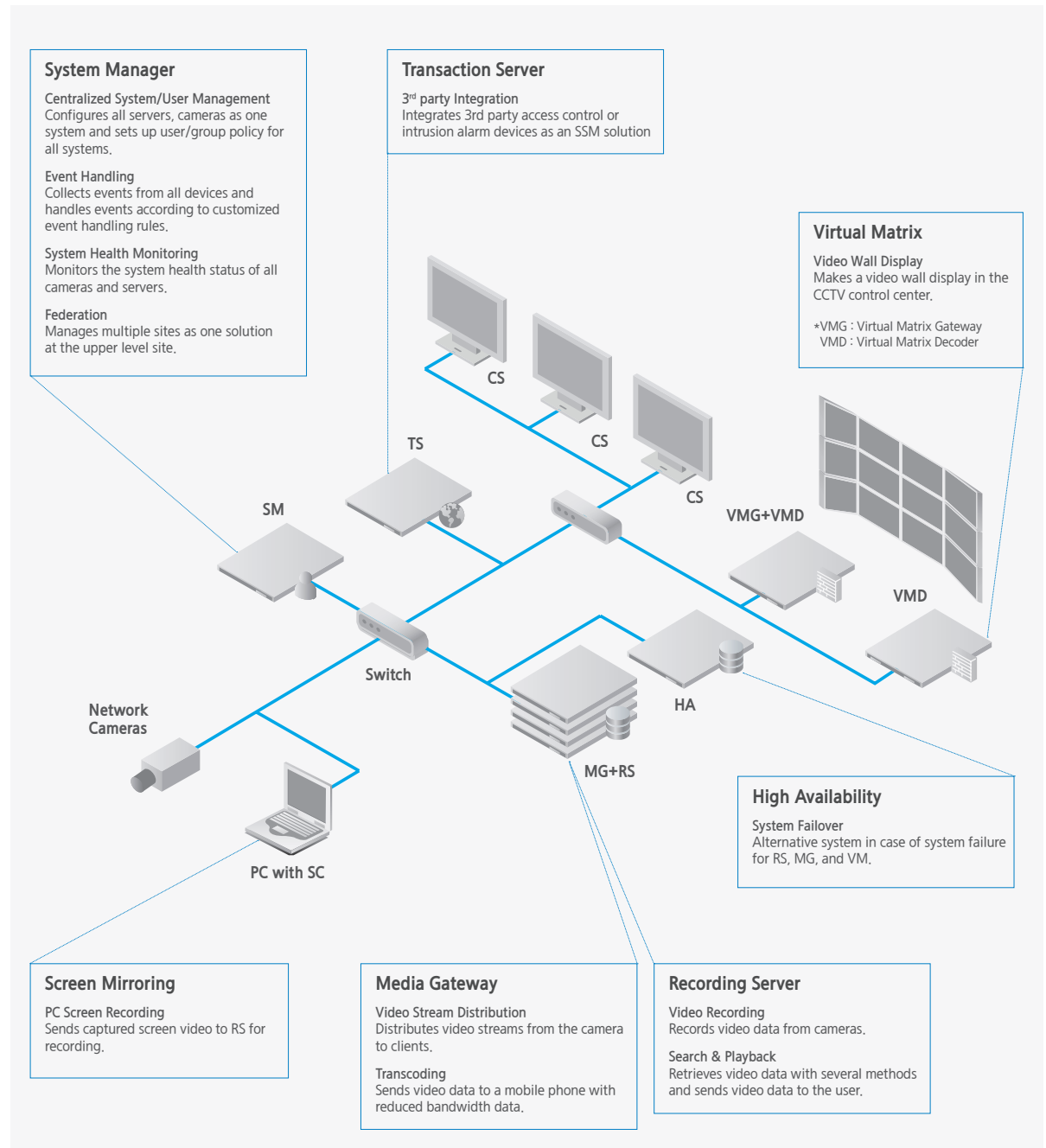
SSM

SSM is a one-stop management software platform that maximizes the efficiency of Samsung's network products.

Features

- Centralised Management**
 An administrator can manage the configuration of the servers, cameras and recorders from a single location.
- Distributed Intelligence**
 SSM's modular architecture allows the software to effectively manage any system, from low-end solutions to enterprise level installations.
- Guaranteed Reliability**
 Failover redundancy controls and automatic network-fail recovery ensure that your SSM system will operate reliably at all times.
- Flexible System Architecture**
 The transaction Server functionality provides easy integration with third party systems.
- Efficient Monitoring**
 Fully configurable event rules and configurations make it easy for system operators to identify important incidents.
- Powerful Search Engine**
 A wide range of search options assist users in the swift retrieval of evidential data

GENERAL	PROFESSIONAL	ENTERPRISE
Maximum Number of Cameras	288	Unlimited
Maximum Number of Clients	10	Unlimited
Centralized Management	Yes	Yes
Architecture	Multi-server	Multi-server
Clients	SSM console, Configuration manager, SSM mobile	SSM console, Configuration manager, SSM mobile
Supported Devices	Network Camera / Encoder / Decoder, DVR / NVR	Network Camera / Encoder / Decoder, DVR / NVR
COMPONENT		
System Manager	Yes	Yes
Media Gateway	Yes	Yes
Recording Server	Yes	Yes
Virtual Matrix	Yes	Yes
Screen Mirroring	Yes	Yes
Transaction Server	-	Yes
Transcoder	-	Yes
Federation	-	Yes
Failover Server	Yes	Yes





New

WISENET HD+
SCB-6003



New

WISENET HD+
SCO-6083R



New

WISENET HD+
SCO-6023R



New

WISENET HD+
SCD-6083R



New

WISENET HD+
SCD-6023R



New

WISENET HD+
SCV-6083R



New

WISENET HD+
SCV-6023R

TV Lines / Resolutions		2MP	2MP	2MP	2MP	2MP	2MP	2MP
VIDEO	Imaging Device	1/2.9" 2M CMOS	1/2.9" 2M CMOS	1/2.9" 2M CMOS	1/2.9" 2M CMOS	1/2.9" 2M CMOS	1/2.9" 2M CMOS	1/2.9" 2M CMOS
	Horizontal Resolution	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
	Min. Illumination	Color : 0.04Lux B/W : 0.004Lux	Color : 0.11Lux B/W : 0Lux (IR LED on)	Color : 0.25Lux B/W : 0Lux (IR LED on)	Color : 0.11Lux B/W : 0Lux (IR LED on)	Color : 0.25Lux B/W : 0Lux (IR LED on)	Color : 0.11Lux B/W : 0Lux (IR LED on)	Color : 0.25Lux B/W : 0Lux (IR LED on)
	Lens	-	2.8 ~ 12mm (4.3x) V/F (F1.4)	4mm fixed (F2.1)	2.8 ~ 12mm (4.3x) V/F (F1.4)	4mm fixed (F2.1)	2.8 ~ 12mm (4.3x) V/F (F1.4)	4mm fixed (F2.1)
	IR Viewable Length	-	30m (98.43ft)	20m (65.62ft)	20m (65.62ft)	20m (65.62ft)	30m (98.43ft)	20m (65.62ft)
	Angular Field of View	-	H : 103.8°(Wide) ~ 32.4°(Tele) V : 53.7°(Wide) ~ 18.4°(Tele) D : 121.9°(Wide) ~ 37.1°(Tele)	H : 72.2° / V : 52.9° / D : 94.3°	H : 103.8°(Wide) ~ 32.4°(Tele) V : 53.7°(Wide) ~ 18.4°(Tele) D : 121.9°(Wide) ~ 37.1°(Tele)	H : 72.2° / V : 52.9° / D : 94.3°	H : 103.8°(Wide) ~ 32.4°(Tele) V : 53.7°(Wide) ~ 18.4°(Tele) D : 121.9°(Wide) ~ 37.1°(Tele)	H : 72.2° / V : 52.9° / D : 94.3°
	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°
OPERATIONAL	Day & Night	True (ICR)	True (ICR)	True (ICR)	True (ICR)	True (ICR)	True (ICR)	True (ICR)
	Backlight Compensation	BLC / DWDR	BLC / DWDR	BLC / DWDR	BLC / DWDR	BLC / DWDR	BLC / DWDR	BLC / DWDR
	Digital Noise Reduction	SSNRIV	SSNRIV	SSNRIV	SSNRIV	SSNRIV	SSNRIV	SSNRIV
	Motion Detection	Support	Support	Support	Support	Support	Support	Support
	Privacy Masking	4 zones	4 zones	4 zones	4 zones	4 zones	4 zones	4 zones
	Intelligent Video Analytics	-	-	-	-	-	-	-
FEATURES	Alarm I/O	0 / 1	0 / 1	-	0 / 1	-	0 / 1	-
	Communication	NTSC/PAL : Samsung CCVC, Pelco-C (Coaxitron) AHD : ACP (AHD coax protocol), RS-485	NTSC/PAL : Samsung CCVC, Pelco-C (Coaxitron) AHD : ACP (AHD coax protocol)	NTSC/PAL : Samsung CCVC, Pelco-C (Coaxitron) AHD : ACP (AHD coax protocol)	NTSC/PAL : Samsung CCVC, Pelco-C (Coaxitron) AHD : ACP (AHD coax protocol)	NTSC/PAL : Samsung CCVC, Pelco-C (Coaxitron) AHD : ACP (AHD coax protocol)	NTSC/PAL : Samsung CCVC, Pelco-C (Coaxitron) AHD : ACP (AHD coax protocol)	NTSC/PAL : Samsung CCVC, Pelco-C (Coaxitron) AHD : ACP (AHD coax protocol)
	Environment Protection	-	IP66, IK10	IP66	-	-	IP66, IK10	IP66, IK10
	Operating Temperature	-10°C ~ +55°C (+14°F ~ +131°F)	-30°C ~ +55°C (-22°F ~ +131°F) *Start up above -10°C (+14°F)	-30°C ~ +55°C (-22°F ~ +131°F) *Start up above -10°C (+14°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-30°C ~ +55°C (-22°F ~ +131°F) *Start up above -10°C (+14°F)	-30°C ~ +55°C (-22°F ~ +131°F) *Start up above -10°C (+14°F)
	Power	AC 24V & DC 12V (Max. 3.5W)	AC 24V & DC 12V (Max. 6.0W)	DC 12V (Max. 4.2W)	AC 24V & DC 12V (Max. 4.2W)	DC 12V (Max. 4.2W)	AC 24V & DC 12V (Max. 4.2W)	DC 12V (Max. 4.2W)
	Dimensions (WxHxD) / Weight	68,4 x 59,6 x 92,7mm (2,69" x 2,35" x 3,65") 175,5g (0,39 lb)	Ø78,0 x 260,0mm (3,07" x 10,24") (Without sun shield) 922g (2,03 lb)	Ø58,6 x 165,2mm (Ø2,31" x 6,5") (Without sun shield) 208g (0,46 lb)	Ø119,8 x 98,8mm (Ø4,72" x 3,89") 304g (0,67 lb)	Ø110,0 x 86,0mm (Ø4,33" x 3,39") 242g (0,53 lb)	Ø137,0 x 106,1mm (Ø5,39" x 4,18") 716g (1,58 lb)	Ø137,0 x 94,0mm (Ø5,39" x 3,7") 560g (1,23 lb)
	Additional Features	Defog	Defog	Defog	Defog	Defog	Defog	Defog



WISENET HD+
SRD-1694

WISENET HD+
SRD-894

WISENET HD+
SRD-494

	Channel	16CH	8CH	4CH
OS	Embedded	Linux	Linux	Linux
Live	Frame Rate (NTSC / PAL)	480fps / 400fps	240fps / 200fps	120fps / 100fps
	Max. Record Rate / NTSC	480fps@1920 x 1080	240fps@1920 x 1080	120fps@1920 x 1080
Recording	Max. Record Rate / PAL	400fps@1920 x 1080	200fps@1920 x 1080	100fps@1920 x 1080
	Compression	H.264	H.264	H.264
	Video	Inputs	16CH, AHD, NTSC, PAL	8CH, AHD, NTSC, PAL
Audio	Inputs	16CH (Built-in 4CH)	8CH (Built-in 4CH)	4CH
Storage	Internal HDD	Up to 8 SATA HDDs	Up to 4 SATA HDDs	Up to 2 SATA HDDs
	External HDD	Up to 2 expansion bays	Up to 2 expansion bays	-
Monitors	VGA	Yes	Yes	Yes
	HDMI	Yes	Yes	Yes
	Spot Composite	1CH (Digital)	2CH (Digital)	2CH (Digital)
Connections	USB	2 ports	2 ports	2 ports
	e-SATA	2 External SATA ports	2 External SATA ports	-
	DVD Writer (Backup)	-	-	-
	Mouse	Yes	Yes	Yes
	Remote Users	Search 3 / Live unicast 10 / Live multicast 20	Search 3 / Live unicast 10 / Live multicast 20	Search 3 / Live unicast 10 / Live multicast 20
Network	Transmission	1080p, 720p, 4CIF, 2CIF, CIF	1080p, 720p, 4CIF, 2CIF, CIF	1080P, 720P, 4CIF, 2CIF, CIF
	Monitoring	SmartViewer, Webviewer, SSM	SmartViewer, Webviewer, SSM	SmartViewer, Webviewer, SSM
PTZ Control	Coax Protocol	NTSC/PAL : Samsung CCVC, Pelco-C (Coaxitron) AHD : ACP (AHD Coax Protocol)	NTSC/PAL : Samsung CCVC, Pelco-C (Coaxitron) AHD : ACP (AHD Coax Protocol)	NTSC/PAL : Samsung CCVC, Pelco-C (Coaxitron) AHD : ACP (AHD coax protocol)
	RS-485 Protocol	Samsung-T/E, Pelco-D/P, Panasonic, Phillips, AD, DIAMOND, ERNA, KALATEL, VCL TP, VICON, ELMO, GE	Samsung-T/E, Pelco-D/P, Panasonic, Phillips, AD, DIAMOND, ERNA, KALATEL, VCL TP, VICON, ELMO, GE	Samsung-T/E, Pelco-D/P, Panasonic, Phillips, AD, DIAMOND, ERNA, KALATEL, VCL TP, VICON, ELMO, GE

• Option : Audio extension cable



BEYOND
SCB-5005



BEYOND
SCB-5003



BEYOND
SCB-5000



BEYOND
SCO-5083R



BEYOND
SCD-5083



BEYOND
SCD-5082



BEYOND
SCD-5080



BEYOND
SCD-5030

	1000TVL	1000TVL	1000TVL	1000TVL	1000TVL	1000TVL	1000TVL	1000TVL
TV Lines	1000TVL	1000TVL	1000TVL	1000TVL	1000TVL	1000TVL	1000TVL	1000TVL
Imaging Device	1/3" 1.3M CMOS	1/3" 1.3M CMOS	1/3" 1.3M CMOS	1/3" 1.3M CMOS	1/3" 1.3M CMOS	1/3" 1.3M CMOS	1/3" 1.3M CMOS	1/3" 1.3M CMOS
Horizontal Resolution	Color : 1000TV lines	Color : 1000TV lines	Color : 1000TV lines	Color : 1000TV lines	Color : 1000TV lines	Color : 1000TV lines	Color : 1000TV lines	Color : 1000TV lines
Min. Illumination	Color : 0.01Lux B/W : 0.001Lux	Color : 0.01Lux B/W : 0.001Lux	Color : 0.01Lux	Color : 0.02Lux B/W : 0Lux (IR LED on)	Color : 0.01Lux B/W : 0.001Lux	Color : 0.02Lux B/W : 0.002Lux	Color : 0.02Lux	Color : 0.05Lux
Lens	-	-	-	3 ~ 10mm (3.3x) V/F (F1.4)	2.8 ~ 10.5mm (3.8x) V/F (F1.2)	3 ~ 10mm (3.3x) V/F (F1.4)	3 ~ 10mm (3.3x) V/F (F1.4)	6mm fixed (F1.8)
IR Viewable Length	-	-	-	50m (164.04ft)	-	-	-	-
Angular Field of View	-	-	-	H : 82.0°(Wide) ~ 26.5°(Tele) V : 59.7°(Wide) ~ 19.9°(Tele)	H : 91.5°(Wide) ~ 27.7°(Tele) V : 68.3°(Wide) ~ 20.8°(Tele)	H : 82.0°(Wide) ~ 26.5°(Tele) V : 59.7°(Wide) ~ 19.9°(Tele)	H : 82.0°(Wide) ~ 26.5°(Tele) V : 59.7°(Wide) ~ 19.9°(Tele)	H : 46.5° / V : 34.5° / D : 59.3°
Pan / Tilt / Rotate	-	-	-	-	0° ~ 354° / 0° ~ 68° / 0° ~ 355°	0° ~ 354° / 0° ~ 68° / 0° ~ 355°	0° ~ 354° / 0° ~ 68° / 0° ~ 355°	0° ~ 352° / 0° ~ 75° / 0° ~ 348°
Day & Night	True (ICR)	True (ICR)	Electrical	True (ICR)	True (ICR)	True (ICR)	Electrical	Electrical
Backlight Compensation	WDR (120dB)	WDR (120dB)	BLC / HLC	WDR (120dB)	WDR (120dB)	BLC / HLC	BLC / HLC	BLC / HLC
Digital Noise Reduction	SSNRIV	SSNRIV	SSNRIV	SSNRIV	SSNRIV	SSNRIV	SSNRIV	SSNRIV
Motion Detection	Support	Support	Support	Support	Support	Support	Support	Support
Privacy Masking	24 zones (4 points polygonal masking)	24 zones (4 points polygonal masking)	24 zones (4 points polygonal masking)	24 zones (4 points polygonal masking)	24 zones (4 points polygonal masking)	24 zones (4 points polygonal masking)	24 zones (4 points polygonal masking)	24 zones (4 points polygonal masking)
Intelligent Video Analytics	Fence, (Dis)Appear, Counting	Fence, (Dis)Appear, Counting	-	Fence, (Dis)Appear, Counting	Fence, (Dis)Appear, Counting	-	-	-
Alarm I/O	0 / 1	0 / 1	-	0 / 1	0 / 1	-	-	-
Communication	Coax : Pelco-C (Coaxitron), RS-485	Coax : Pelco-C (Coaxitron), RS-485	Coax : Pelco-C (Coaxitron)	Coax : Pelco-C (Coaxitron), RS-485	Coax : Pelco-C (Coaxitron)	Coax : Pelco-C (Coaxitron)	Coax : Pelco-C (Coaxitron)	Coax : Pelco-C (Coaxitron)
Environment Protection	-	-	-	IP66, IK10	-	-	-	-
Operating Temperature	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-30°C ~ +55°C (-22°F ~ +131°F) *Start up above -10°C (+14°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)
Power	AC 24V & DC 12V (Max. 6.0W)	N/P : AC 24V & DC 12V (Max. 6.0W), PH : AC 230V (Max 6.0W)	N/P : AC 24V & DC 12V (Max. 3.7W), ND/PD : DC 12V (Max. 2.7W) PH : AC 230V (Max. 4.6W)	AC 24V & DC 12V (Max. 9.5W)	AC 24V & DC 12V (Max. 5.6W)	AC 24V & DC 12V (Max. 5.6W)	AC 24V & DC 12V (Max. 3.5W)	DC 12V (Max. 2.8W)
Dimensions (WxHxD) / Weight	73.1 x 67.2 x 123.9mm (2.88" x 2.65" x 4.88") 300g (0.66 lb)	N/P : 68.4 x 59.6 x 92.7mm (2.69" x 2.35" x 3.65") 210g (0.46 lb) PH : 68.3 x 59.6 x 116.6mm (2.69" x 2.35" x 4.59") 411g (0.91 lb)	68.4 x 59.6 x 92.7mm (2.69" x 2.35" x 3.65") N/P/PD : 200g (0.44 lb) ND : 175g (0.39 lb)	Ø78.0 x 272.8mm (3.07" x 10.74") (Without sun shield) 1.5Kg (3.3 1lb)	Ø119.8 x 101.8mm (Ø4.72" x 4.01") 535g (1.18 lb)	Ø119.8 x 98.8mm (Ø4.72" x 3.89") 420g (0.93 lb)	Ø119.8 x 101.8mm (Ø4.72" x 4.01") 520g (1.15 lb)	Ø107.6 x 84.0mm (Ø4.24" x 3.31") 371g (0.82 lb)
Additional Features	Simple focus, P-iris, Digital image stabilization, Defog, Tampering	Digital image stabilization, Defog, Tampering	Digital image stabilization, Defog, Tampering	Digital image stabilization, Defog, Tampering	Digital image stabilization, Defog, Tampering	Digital image stabilization, Defog, Tampering	Digital image stabilization, Defog, Tampering	Digital image stabilization, Defog, Tampering



BEYOND
SCD-5020



WV
SCD-2022



BEYOND
SCD-1080



BEYOND
SCD-5083R



SCD-2021R



WV
SCD-2022R



BEYOND
SCV-5085



BEYOND
SCV-5083

	1000TVL	700TVL	600TVL	1000TVL	650TVL	700TVL	1000TVL	1000TVL
TV Lines	1000TVL	700TVL	600TVL	1000TVL	650TVL	700TVL	1000TVL	1000TVL
Imaging Device	1/3" 1.3M CMOS	1/3" Super HAD CCD II	1/3" Super HAD CCD II	1/3" 1.3M CMOS	1/3" CMOS	1/3" Super HAD CCD II	1/3" 1.3M CMOS	1/3" 1.3M CMOS
Horizontal Resolution	Color : 1000TV lines	Color : 700TV lines	Color : 600TV lines	Color : 1000TV lines	Color : 650TV lines	Color : 700TV lines	Color : 1000TV lines	Color : 1000TV lines
Min. Illumination	Color : 0.05Lux	※ Color : 0.15Lux	※ Color : 0.15Lux	Color : 0.02Lux B/W : 0Lux (IR LED on)	※ 0Lux (IR LED on)	※ Color : 0.15Lux B/W : 0Lux (IR LED on)	Color : 0.01Lux B/W : 0.001Lux	Color : 0.01Lux B/W : 0.001Lux
Lens	3.6mm fixed (F1.8)	3.8mm fixed (F2.0)	2.8 ~ 10mm (3.6x) V/F (F1.2)	3 ~ 10mm (3.3x) V/F (F1.4)	3.6mm fixed (F2.0)	3.8mm fixed (F2.0)	3 ~ 8.5mm (2.8x) Motorized V/F (F1.2)	2.8 ~ 10.5mm (3.8x) V/F (F1.2)
IR Viewable Length	-	-	-	30m (98.43ft)	20m (65.62ft)	7m (22.97ft)	-	-
Angular Field of View	H : 78° / V : 62.5° / D : 100°	H : 78° / V : 59°	H : 94.4°(Wide) ~ 28°(Tele) / V : 69.2°(Wide) ~ 21°(Tele)	H : 82.0°(Wide) ~ 26.5°(Tele) / V : 59.7°(Wide) ~ 19.9°(Tele)	H : 75.7° / V : 66° / D : 90°	H : 78° / V : 59°	H : 105.5°(Wide) ~ 37.1°(Tele) / V : 57.5°(Wide) ~ 21°(Tele)	H : 91.5°(Wide) ~ 27.7°(Tele) / V : 68.3°(Wide) ~ 20.8°(Tele)
Pan / Tilt / Rotate	0° ~ 352° / 0° ~ 75° / 0° ~ 348°	0° ~ 352° / 0° ~ 75° / 0° ~ 348°	0° ~ 350° / 0° ~ 90° / 0° ~ 355°	0° ~ 354° / 0° ~ 68° / 0° ~ 355°	-	0° ~ 352° / 0° ~ 75° / -	0° ~ 354° / 0° ~ 68° / 0° ~ 355°	0° ~ 354° / 0° ~ 68° / 0° ~ 355°
Day & Night	Electrical	Electrical	Electrical	True (ICR)	Auto	True (ICR)	True (ICR)	True (ICR)
Backlight Compensation	BLC / HLC	BLC / HLC	BLC / HLC	WDR (120dB)	-	BLC / HLC	WDR (120dB)	WDR (120dB)
Digital Noise Reduction	SSNRIV	SSNRIII	2D DNR	SSNRIV	Auto	SSNRIII	SSNRIV	SSNRIV
Motion Detection	Support	Support	-	Support	-	Support	Support	Support
Privacy Masking	24 zones (4 points polygonal masking)	8 zones	4 zones	24 zones (4 points polygonal masking)	-	8 zones	24 zones (4 points polygonal masking)	24 zones (4 points polygonal masking)
Intelligent Video Analytics	-	-	-	Fence, (Dis)Appear, Counting	-	-	Fence, (Dis)Appear, Counting	Fence, (Dis)Appear, Counting
Alarm I/O	-	-	-	0 / 1	-	-	0 / 1	0 / 1
Communication	Coax : Pelco-C (Coaxitron)	Coax : Pelco-C (Coaxitron)	Coax : Pelco-C (Coaxitron)	Coax : Pelco-C (Coaxitron)	-	Coax : Pelco-C (Coaxitron)	Coax : Pelco-C (Coaxitron)	Coax : Pelco-C (Coaxitron)
Environment Protection	-	-	-	-	-	-	IP66, IK10	IP66, IK10
Operating Temperature	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-30°C ~ +55°C (-22°F ~ +131°F) *Start up above -10°C (+14°F)	-30°C ~ +55°C (-22°F ~ +131°F) *Start up above -10°C (+14°F)
Power	DC 12V (Max. 2.8W)	DC 12V (Max. 1.2W)	P : AC 24V & DC 12V (Max. 2.8W) PD : DC 12V (Max. 1.2W)	AC 24V & DC 12V (Max. 6.0W)	DC 12V (Max. 3.0W)	DC 12V (Max. 3.6W)	AC 24V & DC 12V (Max. 5.0W)	AC 24V & DC 12V (Max. 5.6W)
Dimensions (WxHxD) / Weight	Ø107.6 x 84.0mm (Ø4.24" x 3.31") 394g (0.87lb)	Ø107.6 x 83.7mm (Ø4.24" x 3.3") 233g (0.51lb)	Ø128.0 x 91.0mm (Ø5.04" x 3.58") P : 460g (1.01lb) PD : 345g (0.76lb)	Ø119.8 x 101.8mm (Ø4.72" x 4.01") 550g (1.21lb)	Ø93.0 x 78.0mm (Ø3.66" x 3.07") 278g (0.61lb)	Ø107.6 x 83.7mm (Ø4.24" x 3.3") 240g (0.53lb)	Ø137.0 x 106.1mm (Ø5.39" x 4.18") 772g (1.7lb)	Ø137.0 x 106.1mm (Ø5.39" x 4.18") 720g (1.59lb)
Additional Features	Digital image stabilization, Defog, Tampering	Defog	-	Digital image stabilization, Defog, Tampering	-	Defog	Digital image stabilization, Defog, Tampering	Digital image stabilization, Defog, Tampering

※ Min. Illumination (50 IRE)

ANALOG



BEYOND
SCV-5082



BEYOND
SCV-5083R



SVV
SCP-2373H



SVV
SCP-2373



SVV
SCP-2273H



SVV
SCP-2273



A1
SCP-3120VH



WV
SCP-2120

	1000TVL	1000TVL	680TVL	680TVL	680TVL	680TVL	600TVL	600TVL
TV Lines	1000TVL	1000TVL	680TVL	680TVL	680TVL	680TVL	600TVL	600TVL
Imaging Device	1/3" 1.3M CMOS	1/3" 1.3M CMOS	1/4" Sony 960H Ex-view HAD CCD II	1/4" Sony 960H Ex-view HAD CCD II	1/4" Sony 960H Ex-view HAD CCD II	1/4" Sony 960H Ex-view HAD CCD II	1/4" Ex-view HAD CCD (Double scan)	1/4" Super HAD CCD II
Horizontal Resolution	Color : 1000TV lines	Color : 1000TV lines	Color : 680TV lines	Color : 680TV lines	Color : 680TV lines	Color : 680TV lines	Color : 600TV lines	Color : 600TV lines
Min. Illumination	Color : 0.02Lux B/W : 0.002Lux	Color : 0.02Lux B/W : 0.002Lux (IR LED on)	※ Color : 0.2Lux B/W : 0.01Lux	※ Color : 0.2Lux B/W : 0.01Lux	※ Color : 0.2Lux B/W : 0.01Lux	※ Color : 0.2Lux B/W : 0.01Lux	※ Color : 0.7Lux B/W : 0.07Lux	※ Color : 0.2Lux B/W : 0.004Lux
Lens	3 ~ 10mm (3.3x) V/F (F1.4)	3 ~ 10mm (3.3x) V/F (F1.4)	3.5 ~ 129.5mm (Optical 37x) F1.6(Wide) / F3.9(Tele)	3.5 ~ 129.5mm (Optical 37x) F1.6(Wide) / F3.9(Tele)	3.5 ~ 94.5mm (Optical 27x) F1.6(Wide) / F2.9(Tele)	3.5 ~ 94.5mm (Optical 27x) F1.6(Wide) / F2.9(Tele)	3.6 ~ 44.3mm (Optical 12x) F1.65(Wide) / F2.01(Tele)	3.9 ~ 46mm (Optical 12x) F1.67(Wide) / F1.88(Tele)
IR Viewable Length	-	30m (98.43ft)	-	-	-	-	-	-
Angular Field of View	H : 82.0° (Wide) ~ 26.5° (Tele) / V : 59.7° (Wide) ~ 19.9° (Tele)	H : 82.0° (Wide) ~ 26.5° (Tele) / V : 59.7° (Wide) ~ 19.9° (Tele)	H : 56.26° (Wide) ~ 1.62° (Tele) / V : 43.28° (Wide) ~ 1.22° (Tele)	H : 56.26° (Wide) ~ 1.62° (Tele) / V : 43.28° (Wide) ~ 1.22° (Tele)	H : 56.26° (Wide) ~ 2.24° (Tele) / V : 43.28° (Wide) ~ 1.67° (Tele)	H : 56.26° (Wide) ~ 2.24° (Tele) / V : 43.28° (Wide) ~ 1.67° (Tele)	H : 54.44° (Wide) ~ 4.64° (Tele) / V : 41.42° (Wide) ~ 3.52° (Tele)	H : 51.54° (Wide) ~ 4.49° (Tele) / V : 39.28° (Wide) ~ 3.39° (Tele)
Pan / Tilt / Rotate	0° ~ 354° / 0° ~ 68° / 0° ~ 355°	0° ~ 354° / 0° ~ 68° / 0° ~ 355°	360° Endless / -5° ~ 185° / -	360° Endless / -5° ~ 185° / -	360° Endless / -5° ~ 185° / -	360° Endless / -5° ~ 185° / -	360° Endless / -5° ~ 185° / -	360° Endless / -5° ~ 185° / -
Day & Night	True (ICR)	True (ICR)	True (ICR)	True (ICR)	True (ICR)	True (ICR)	True (ICR)	True (ICR)
Backlight Compensation	BLC / HLC	WDR (120dB)	BLC / HLC	BLC / HLC	BLC / HLC	BLC / HLC	WDR (52dB / 54dB)	BLC / HLC
Digital Noise Reduction	SSNRIV	SSNRIV	SSNRIII	SSNRIII	SSNRIII	SSNRIII	Adaptive 3D+2D	SSNRIII
Motion Detection	Support	Support	Support	Support	Support	Support	Support	Support
Privacy Masking	24 zones (4 points polygonal masking)	24 zones (4 points polygonal masking)	8 zones	8 zones	8 zones	8 zones	12 zones (Polygonal masking)	8 zones
Intelligent Video Analytics	-	Fence, (Dis)Appear, Counting	-	-	-	-	Fixed / Moved	-
Alarm I/O	-	0 / 1	8 / 3	8 / 3	8 / 3	8 / 3	2 / 2	2 / 2
Communication	Coax : Pelco-C (Coaxitron)	Coax : Pelco-C (Coaxitron)	Coax : Pelco-C (Coaxitron), RS-485/422	Coax : Pelco-C (Coaxitron), RS-485/422	Coax : Pelco-C (Coaxitron), RS-485/422	Coax : Pelco-C (Coaxitron), RS-485/422	Coax : CCVC, RS-485	Coax : Pelco-C (Coaxitron), RS-485
Environment Protection	IP66, IK10	IP66, IK10	IP66, IK10	IK10 (With SHP-3701H)	IP66, IK10	IK10 (With SHP-3701H)	IP66, IK10	-
Operating Temperature	-30°C ~ +55°C (-22°F ~ +131°F) *Start up above -10°C (+14°F)	-30°C ~ +55°C (-22°F ~ +131°F) *Start up above -10°C (+14°F)	-50°C ~ +55°C (-58°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-50°C ~ +55°C (-58°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-50°C ~ +55°C (-58°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)
Power	AC 24V & DC 12V (Max. 5.6W)	AC 24V & DC 12V (Max. 6.0W)	AC 24V (Max. 15.0W, 60.0W - Fan & heater on)	AC 24V (Max. 15.0W)	AC 24V (Max. 15.0W, 58.0W - Fan & heater on)	AC 24V (Max. 15.0W)	AC 24V (Max. 12.0W, 45.0W - Fan & heater on)	AC 24V (Max. 12.0W)
Dimensions (WxHxD) / Weight	Ø137.0 x 106.1mm (Ø5.39" x 4.18") 730g (1.61 lb)	Ø137.0 x 106.1mm (Ø5.39" x 4.18") 750g (1.65 lb)	Ø223.4 x 293.6mm (Ø8.8" x 11.56") 3.1Kg (6.83 lb)	Ø152.0 x 218.0mm (Ø5.98" x 8.58") 1.6Kg (3.53 lb)	Ø223.4 x 293.6mm (Ø8.8" x 11.56") 3.1Kg (6.83 lb)	Ø152.0 x 218.0mm (Ø5.98" x 8.58") 1.6Kg (3.53 lb)	Ø200.0 x 203.0mm (Ø7.87" x 7.99") 2.4Kg (5.29 lb)	Ø154.0 x 150.0mm (Ø6.06" x 5.91") 1Kg (2.2 lb)
Additional Features	Digital image stabilization, Defog, Tampering	Digital image stabilization, Defog, Tampering	Digital image stabilization	Digital image stabilization	Digital image stabilization	Digital image stabilization	Digital image stabilization	Digital image stabilization

※ Min. Illumination (50 IRE)

ANALOG PTZ



WV

SCP-2370RH

TV Lines / Resolutions		600TVL
VIDEO	Imaging Device	1/4" Super HAD CCD II
	Horizontal Resolution	Color : 600TV lines
	Min. Illumination	※ Color : 0.2Lux B/W : 0Lux (IR LED on)
	Lens	3.5 ~ 129.5mm (Optical 37x) F1.6(Wide) / F3.9(Tele)
	IR Viewable Length	100m (328.08ft)
	Angular Field of View	H : 55.5°(Wide) ~ 1.59°(Tele) / V : 42.5°(Wide) ~ 1.19°(Tele)
	Pan / Tilt / Rotate	360° Endless / -5° ~ 185° / -
OPERATIONAL	Day & Night	True (ICR)
	Backlight Compensation	BLC / HLC
	Digital Noise Reduction	SSNRIII
	Motion Detection	Support
	Privacy Masking	8 zones
	Intelligent Video Analytics	-
FEATURES	Alarm I/O	8 / 3
	Communication	Coax : Pelco-C (Coaxitron), RS-485/422
	Environment Protection	IP66, IK10
	Operating Temperature	-50°C ~ +55°C (-58°F ~ +131°F)
	Power	AC 24V (Max. 15.0W, 90.0W - Fan & heater on)
	Dimensions (WxHxD) / Weight	Ø248.0 x 399.5mm (Ø9.76" x 15.73") 6Kg (13.23 lb)
	Additional Features	Digital image stabilization

※ Min. Illumination (50 IRE)

ANALOG

DVR



BEYOND
SRD-1676D

BEYOND
SRD-1656D

SRD-1654D

SRD-1642

BEYOND
SRD-876D

		16CH	16CH	16CH	16CH	8CH
Channel		16CH	16CH	16CH	16CH	8CH
OS	Embedded	Linux	Linux	Linux	Linux	Linux
Live	Frame Rate (NTSC / PAL)	480fps / 400fps	480fps / 400fps	480fps / 400fps	480fps / 400fps	240fps / 200fps
	Max. Record Rate / NTSC	480fps@1280 x 480	120fps@1280 x 480	120fps@4CIF/960H	480fps@960 x 480	240fps@1280 x 480
Recording	Max. Record Rate / PAL	400fps@1280 x 576	100fps@1280 x 576	100fps@4CIF/960H	400fps@960 x 576	200fps@1280 x 576
	Compression	H.264	H.264	H.264	H.264	H.264
	Inputs	16CH	16CH	16CH	16CH	8CH
Video	Loop Outputs	Yes	Yes	-	-	Yes
	Inputs	16CH (Built-in 4CH)	16CH (Built-in 4CH)	4CH	4CH	8CH (Built-in 4CH)
Audio	Internal HDD	Up to 4 SATA HDDs	Up to 4 SATA HDDs	Up to 4 SATA HDDs	Up to 2 SATA HDDs	Up to 4 SATA HDDs
	External HDD	Up to 2 expansion bays	Up to 2 expansion bays	-	-	Up to 2 expansion bays
Monitors	VGA	Yes	Yes	Yes	Yes	Yes
	HDMI	Yes	Yes	Yes	Yes	Yes
	Main Composite	-	-	-	-	-
	Spot Composite	2CH (Digital)	2CH (Digital)	2CH (Digital)	1CH (Digital)	2CH (Digital)
Connections	USB	2 ports	2 ports	2 ports	2 ports	2 ports
	e-SATA	2 External SATA ports	2 External SATA ports	-	-	2 External SATA ports
	DVD Writer (Backup)	Yes	Yes	Yes	-	Yes
	Mouse	Yes	Yes	Yes	Yes	Yes
Network	Remote Users	Search 3 / Live unicast 10 / Live multicast 20	Search 3 / Live unicast 10 / Live multicast 20	Search 3 / Live unicast 10 / Live multicast 20	Search 3 / Live unicast 10 / Live multicast 20	Search 3 / Live unicast 10 / Live multicast 20
	Transmission	4CIF, 2CIF, CIF	4CIF, 2CIF, CIF	4CIF, 2CIF, CIF	4CIF, 2CIF, CIF	4CIF, 2CIF, CIF
	Monitoring	SmartViewer, Webviewer, SSM	SmartViewer, Webviewer, SSM	SmartViewer, Webviewer, SSM	SmartViewer, Webviewer, SSM	SmartViewer, Webviewer, SSM
Removable BNC Panel		-	-	Yes	-	-
PTZ Control	Coax Protocol	Samsung CCVC, Pelco-C	Samsung CCVC, Pelco-C	- *	Samsung CCVC, Pelco-C	Samsung CCVC, Pelco-C
	RS-485 Protocol	Samsung-T/E, Pelco-D/P, Panasonic, Phillips, AD, DIAMOND, ERNA, KALATEL, VCL TP, VICON, ELMO, GE	Samsung-T/E, Pelco-D/P, Panasonic, Phillips, AD, DIAMOND, ERNA, KALATEL, VCL TP, VICON, ELMO, GE	Samsung-T/E, Pelco-D/P, Panasonic, Phillips, AD, DIAMOND, ERNA, KALATEL, VCL TP, VICON, ELMO, GE	Samsung-T/E, Pelco-D/P, Panasonic, Phillips, AD, DIAMOND, ERNA, KALATEL, VCL TP, VICON, ELMO, GE	Samsung-T/E, Pelco-D/P, Panasonic, Phillips, AD, DIAMOND, ERNA, KALATEL, VCL TP, VICON, ELMO, GE

* Option : Audio extension cable * Coaxial communication not supported

ANALOG

DVR



		SRD-854D	SRD-842	HD-SDI SRD-482	BEYOND SRD-476D	SRD-445	SRD-443
Channel		8CH	8CH	4CH	4CH	4CH	4CH
OS	Embedded	Linux	Linux	Linux	Linux	Linux	Linux
Live	Frame Rate (NTSC / PAL)	240fps / 200fps	240fps / 200fps	120fps / 100fps	120fps / 100fps	120fps / 100fps	120fps / 100fps
Recording	Max. Record Rate / NTSC	60fps@4CIF/960H	240fps@960 x 480	120fps@1920 x 1080	120fps@1280 x 480 * P/B : 60fps@1280 x 480, 120fps@960 x 480	120fps@960 x 480	30fps@4CIF
	Max. Record Rate / PAL	50fps@4CIF/960H	200fps@960 x 576	100fps@1920 x 1080	100fps@1280 x 576 * P/B : 60fps@1280 x 576, 120fps@960 x 576	100fps@960 x 576	25fps@4CIF
	Compression	H.264	H.264	H.264	H.264	H.264	H.264
Video	Inputs	8CH	8CH	4CH	4CH	4CH	4CH
	Loop Outputs	-	-	-	Yes	-	-
Audio	Inputs	4CH (Built-in 4CH)	4CH	4CH	4CH	4CH	4CH
Storage	Internal HDD	Up to 4 SATA HDDs	Up to 2 SATA HDDs	Up to 2 SATA HDDs	Up to 1 SATA HDD	Up to 1 SATA HDD	Up to 1 SATA HDD
	External HDD	-	-	Up to 2 expansion bays	-	-	-
Monitors	VGA	Yes	Yes	Yes	Yes	Yes	Yes
	HDMI	Yes	Yes	Yes	Yes	Yes	-
	Main Composite	-	-	-	-	-	1CH (BNC)
	Spot Composite	2CH (Digital)	1CH (Digital)	2CH (Digital 1CH / Analog 1CH)	2CH (Digital 1CH / Analog 1CH)	1CH (Digital)	1CH (Analog)
Connections	USB	2 ports	2 ports	2 ports	2 ports	2 ports	2 ports
	e-SATA	-	-	2 External SATA ports	-	1 port	-
	DVD Writer (Backup)	Yes	-	-	Yes	-	-
	Mouse	Yes	Yes	Yes	Yes	Yes	Yes
Network	Remote Users	Search 3 / Live unicast 10 / Live multicast 20	Search 3 / Live unicast 10 / Live multicast 20	Search 3 / Live unicast 10 / Live multicast 20	Search 3 / Live unicast 10 / Live multicast 20	Search 3 / Live unicast 10 / Live multicast 20	Search 2 / Live unicast 4 / Live multicast 20
	Transmission	4CIF, 2CIF, CIF	4CIF, 2CIF, CIF	1080p, 720p, 4CIF, 2CIF, CIF	4CIF, 2CIF, CIF	4CIF, 2CIF, CIF	4CIF, 2CIF, CIF
	Monitoring	SmartViewer, Webviewer, SSM	NET-i viewer, SmartViewer, Webviewer	SmartViewer, Webviewer, SSM	SmartViewer, Webviewer, SSM	SmartViewer, Webviewer, SSM	NET-i viewer, SmartViewer, Webviewer
Removable BNC Panel	Yes	-	-	-	-	-	-
PTZ Control	Coax Protocol	- *	Samsung CCVC, Pelco-C	-	Samsung CCVC, Pelco-C	Samsung CCTV, Pelco-C	-
	RS-485 Protocol	Samsung-T/E, Pelco-D/P, Panasonic, Phillips, AD, DIAMOND, ERNA, KALATEL, VCL TP, VICON, ELMO, GE	Samsung-T/E, Pelco-D/P, Panasonic, Phillips, AD, DIAMOND, ERNA, KALATEL, VCL TP, VICON, ELMO, GE	Samsung-T/E, Pelco-D/P, Panasonic, Phillips, AD, DIAMOND, ERNA, KALATEL, VCL TP, VICON, ELMO, GE	Samsung-T/E, Pelco-D/P, Panasonic, Phillips, AD, DIAMOND, ERNA, KALATEL, VCL TP, VICON, ELMO, GE	Samsung-T/E, Pelco-D/P, Panasonic, Phillips, AD, DIAMOND, ERNA, KALATEL, VCL TP, VICON, ELMO, GE	Samsung-T/E, Pelco-D/P, Panasonic, Phillips, AD, DIAMOND, ERNA, KALATEL, VCL TP, VICON, ELMO

SVS-5R	
Features	RAID 5 Unit
	<ul style="list-style-type: none"> • 1U 19-inch rack case • Data transmission speed : up to 3.0Gbps (SATA II) • Available SATA HDD : up to 4 (4TB)

SVS-5E	
Features	HDD Extension Unit
	<ul style="list-style-type: none"> • 1U 19-inch rack case • Data transmission speed : up to 3.0Gbps (SATA II) • Available SATA HDD : up to 4 (4TB)

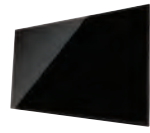
• Option : Audio extension cable * Coaxial communication not supported

MONITOR / CONTROLLER

LED Monitor



SMT-4032A



SMT-3232A



SMT-2731



SMT-2233



SMT-1935



SMT-1931



SMT-1914

Screen Size	40"	32"	27"	22"	19"	19"	19"
Resolution (pixels HxV)	1,920 x 1,080	1,920 x 1,080	1,920 x 1,080	1,920 x 1,080	1,280 x 1,024	1,366 x 768	1,280 x 1,024
Video In/Out	1	1	2 / 2	2 / 2	2 / 2	2 / 2	-
VGA	1	1	1	1	1	1	1
DVI / HDMI	1 / 1	1 / 1	0 / 1	0 / 1	0 / 1	0 / 1	-
Audio In (Stereo)	2	2	2	2	2	2	-
Contrast Ratio	5,000 : 1	5,000 : 1	1,000 : 1	1,000 : 1	1,000 : 1	1,000 : 1	1,000 : 1
Aspect Ratio	16 : 9	16 : 9	16 : 9	16 : 9	4 : 3	16 : 9	4 : 3
Response Time	8ms	8ms	5ms	5ms	5ms	5ms	5ms
Brightness	350cd/m ²	350cd/m ²	300cd/m ²	250cd/m ²	250cd/m ²	250cd/m ²	250cd/m ²
Tempered Glass Screen	-	-	Yes	Yes	Yes	Yes	Yes
Picture In Picture	Yes	Yes	-	-	-	-	Yes
Built-in Speakers	Yes	Yes	Yes	Yes	Yes	Yes	-
Stand	General (Optional)	General (Optional)	Standard	Standard	Standard	Standard	Standard
Power	AC 100V ~ 240V	AC 100V ~ 240V	AC 100V ~ 240V	AC 100V ~ 240V	AC 100V ~ 240V	AC 100V ~ 240V	AC 100V ~ 240V
Additional Features	Wi-Fi module embedded	Wi-Fi module embedded	-	-	-	-	-

Controller



SPC-7000



SPC-2010



SPC-1010









SPC-300



SPC-200




Features	<p>Network / Analog Cameras / NVR / DVR / SSM Controller</p> <ul style="list-style-type: none"> • Network cameras / NVR / SSM / Analog cameras / DVR control • User-friendly design and easy-to-use keypad • 3-axis joystick to control PTZ function • Detachable joystick / jogshuttle for universe use (right/left hand use) • USB interface support (1ea for SSM, 1ea for Image Snapshot / Upgrade) • Fast video-wall control (Macro functionality) • Fast selection for a specific camera (Favorite functionality) 	<p>PTZ / DVR System Controller</p> <ul style="list-style-type: none"> • Control up to 255 PTZ cameras / DVRs • Built-in 3 axis twist zoom joystick • Built-in jog shuttle • 16 x 2 character LCD display • RS-485 and RS-422 interface 	<p>PTZ Control Keyboard</p> <ul style="list-style-type: none"> • Control up to 255 PTZ cameras • Multi protocols supports • OSD menu, 3D joystick control • RS-485 and RS-422 interface 	<p>Coaxial Remote Controller</p> <ul style="list-style-type: none"> • Control via coaxial cable or RS-485 • Camera connected : 1unit • Cable extension : max. 500m (with 5C-2V cable) • RS-485 and RS-232C interface 	<p>Camera Zoom & OSD Controller</p> <ul style="list-style-type: none"> • Camera zoom in/out, OSD control • RS-485 communication • Zoom camera RJ-45 connector control
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LENS

Lens Description	Model	Image	Mount	Image Format	Resolution	Focal Length	Back Focal Length	Zoom Ratio	F. No	Minimum Angle of View	Operation			Dimensions (WxHxD)mm / inch	Weight (g / lb)	
											Iris	Focus	Zoom			
Zoom Lens	SLA-880		C	1/2"	520K pixel	8 ~ 80mm 0.31" ~ 3.15"	15.3mm 0.6"	10	1.2	54.3° ~ 5.8°	Auto	Motorized	Motorized	70.0 x 81.0 x 123.5mm 2.76" x 3.19" x 4.86"	670g 1.48 lb	
	SLA-3580DN			1/3"		3.5 ~ 8mm 0.14" ~ 0.31"	8.7 ~ 14.7mm 0.34" ~ 0.58"	2.3	1.0	111.2° ~ 44.7°	DC				38.6 x 45.3 x 46.0mm 1.52" x 1.78" x 1.81"	54.5g 0.12 lb
	SLA-2812DN					2.8 ~ 12mm 0.11" ~ 0.47"	20.2 ~ 8.1mm 0.8" ~ 0.32"	4.2	1.3	133.0° ~ 29.7°					71g 0.16 lb	
Varifocal Lens	SLA-550DV					5 ~ 50mm 0.2" ~ 1.97"	10.5 ~ 10.6mm 0.41" ~ 0.42"	10	1.3	64.0° ~ 6.9°					Manual	Manual
	SLA-M2890DN		1/2.8"	3Megapixel		2.8 ~ 9mm 0.11" ~ 0.35"	7.5 ~ 15.9mm 0.3" ~ 0.63"	3.2	1.2	134.2° ~ 42.7°	DC				45.0 x 51.5 x 54.3mm (1.77" x 2.03" x 2.14")	84.0g 0.19 lb
	SLA-M2890PN				P-Iris						82.1g 0.18 lb					

PERIPHERALS

PTZ / Dome / Fisheye Camera housings / Mounts

 <p>SHP-3701H</p>	 <p>SHP-3701F</p>	 <p>SHD-3000F1</p>	 <p>SHD-3000F2/3000F3</p>	 <p>SBP-300HM1</p>	 <p>SBP-301HM2</p>	 <p>SBP-301HM3</p>
<p>Outdoor Housing for PTZ Dome</p> <ul style="list-style-type: none"> • For outdoor applications • Weatherproof rated to IP66 • Aluminium + Polycarbonate • IK10 vandal resistant 	<p>In-Ceiling Housing for Dome</p> <ul style="list-style-type: none"> • For indoor applications • Polycarbonate 	<p>In-Ceiling Housing for PTZ Dome</p> <ul style="list-style-type: none"> • For indoor applications • Polycarbonate • Can be used with SNV-7084R/6085R/6084R/ 5084R/7084/6084/5084 SND-7084R/6085R/6084R/5084R/ 7084/6084/6083/5084/5083 SCD-6081R SCV-6081R 	<p>In Ceiling Housing for Dome</p> <ul style="list-style-type: none"> • For indoor applications • Polycarbonate • Can be used with SND-L6083R/L5083R SCD-6083R/5083R/5083/5082/5080 (SHD-3000F2) SNV-L6083R/L5083R (SHD-3000F3) SCV-6083R/6023R/5082/5083/5083R/5085 (SHD-3000F3) SUD-5082 (SHD-3000F2) 	<p>Hanging Mount</p> <ul style="list-style-type: none"> • Aluminium • Can be used with SCP-3430/3370/3250/3120/ 2430/2370/2330/2270/2250/2120 SNP-6200/5200/3371/3302/3120 SBP-300CM/300LM/300WM/300WM1 	<p>Hanging Mount</p> <ul style="list-style-type: none"> • Aluminium • Can be used with SCD-6083R/6081R/6080 SCV-6083R/6023R/5083R/5083/5082/ 3083/3082/3081/2082R/2081R/2081 SND-7084R/7084/7082/6084R/6084/ 6083/5084R/5084/5083/5080/3082 SNV-L6083R/L5083R/1080R/1080 SBP-300CM/300LM/300WM/300WM1 	<p>Hanging Mount</p> <ul style="list-style-type: none"> • Aluminium • Can be used with SCP-3371/3120/2373/2371/2273/2271 SCV-3120/3080/2120/2080R/2080/2060 SNP-6321/6320/6201/5430/ 5321/5300 SNV-7082/7080R/7080/5080/3120/3082 SBP-300CM/300LM/300WM/300WM1
 <p>SBP-301HM4</p>	 <p>SBP-300HM5</p>	 <p>SBP-300HM6</p>	 <p>SBP-300HM7</p>	 <p>SBP-300HF/301HF</p>	 <p>SBP-300TM/300TM1</p>	 <p>SBP-300CM</p>
<p>Hanging Mount for 3M Fisheye + Dome Cameras</p> <ul style="list-style-type: none"> • Aluminium • Can be used with SCD-6083R/6021/5083R/5083/5082/5080 SND-6011R/L6083R/L5083R SNF-7010/7010V/7010VM SBP-300CM/300LM/300WM/300WM1 	<p>Hanging Mount for 5M Fisheye Cameras</p> <ul style="list-style-type: none"> • Aluminium • Can be used with SNF-8010/8010VM SBP-300CM/300LM/300WM/300WM1 	<p>Hanging Mount</p> <ul style="list-style-type: none"> • Aluminium • Can be used with SCV-6081R SNV-7084R/7084/6085R/6084R/6084/ 5084R/5084 SBP-300CM/300LM/300WM/300WM1 	<p>Hanging Mount</p> <ul style="list-style-type: none"> • Aluminium • Can be used with SND-L6013R/L6013/L6012/L5013 SCD-6023R SNV-6013 	<p>Built-in SFP Install Base for PTZ Cameras</p> <ul style="list-style-type: none"> • Aluminium • LC SFP port type • 100Mbps Ethernet speed (Default speed : 1000Mbps) • IEEE 802.3u, IEEE 802.3z support • Audio input/output, 3.5mm type • 24V AC, IP66, IK10, -50°C to +55°C • Can use with SNP-6320H/5430H (SBP-300HF) • Can use with SNP-6321H/5321H (SBP-301HF) 	<p>Wall Ceiling Mount for 3M/5M Fisheye Cameras</p> <ul style="list-style-type: none"> • Poly carbonate • Can be used with SNF-7010VM/7010V/7010 (SBP-300TM) SNF-8010/8010VM (SBP-300TM1) 	<p>Ceiling Mount</p> <ul style="list-style-type: none"> • Aluminium + SECC • Can be used with hanging mount and outdoor PTZ
 <p>SBP-300WM1/300WM</p>	 <p>SBP-300LM</p>	 <p>SBP-300WM0</p>	 <p>SBP-301PM/300PM</p>	 <p>SBP-300KM</p>	 <p>SBP-300B</p>	 <p>SBV-136B</p>
<p>Wall Mount</p> <ul style="list-style-type: none"> • Aluminium + SECC • Can be used with hanging mount and outdoor PTZ 	<p>Parapet Mount</p> <ul style="list-style-type: none"> • Aluminium + SECC • Can be used with hanging mount and outdoor PTZ 	<p>Wall Mount</p> <ul style="list-style-type: none"> • Poly carbonate • Can be used with small-sized indoor dome cameras 	<p>Pole Mount</p> <ul style="list-style-type: none"> • SECC • Can be used with SNO-8081R/PNO-0809R-00 (SBP-301PM) Can be used with SBP-300B/300WM/300WM1 (SBP-300PM) 	<p>Corner Mount</p> <ul style="list-style-type: none"> • SECC • Can be used with SBP-300B/300WM/300WM1 	<p>Wall Mount Install Base</p> <ul style="list-style-type: none"> • Aluminium + SECC • Can be used with SBP-300WM/300WM1 	<p>Back Box</p> <ul style="list-style-type: none"> • Aluminium • Can be used with SNV-L6083R/L5083R SCV-5082/5083/5083R

PERIPHERALS

Box Camera Housings / Mounts



SHB-4300H/4300H1/4300H2

Fixed Housing

- Aluminum diecasting construction
- Fully cable managed bracket
- Built-in fan & heater
- Support three cable glands, IP66



SHB-4200/4200H

Fixed Housing

- Support two cable glands
- Built-in fan & heater : SHB-4200H



STH-200

Fixed Housing

- For fixed camera application
- Wall/ceiling installations
- Easy to install side open type



STB-400

Fixed Mount

- Bracket for STH-500/200
- Steel material



STB-4150V

Fixed Mount

- Bracket for box cameras
- Steel material

IR Illuminator / HD-SDI



SPI-10A/30A

IR Illuminator

- Viewable length of
100m (328.1ft) : SPI-10A
70m (229.66ft) : SPI-30A
- Radiation angle of
10° : SPI-10A / 30° : SPI-30A
- IP66

PERIPHERALS

PTZ Cameras

Type	Outdoor PTZ					Indoor PTZ			
Shape									
Color	Ivory								
Model	SCP-2370RH SNP-6200RH SNP-6230RH SNP-6320RH SNP-L6233RH	SCP-3430H SCP-3250H SCP-2430H SCP-2250H SCP-2251H	SCP-3370TH/3370H SCP-2370TH/2370H SCP-2330H/2270H SNP-6200H/5200H SNP-3371TH/3371H SNP-3302H/3301H SNP-3370TH SNP-6200TH	SCP-3371H/2373H SCP-2371H/2273H SCP-2271H SNP-6321H/6320H SNP-6201H/5430H SNP-5321H/5320H SNP-5300H SNP-L5233H/L6233H	SCP-3120VH SNP-3120VH	SCP-3430 SCP-3250 SCP-2430 SCP-2250	SCP-3370 SCP-2370 SCP-2330 SCP-2270 SNP-6200 SNP-5200 SNP-3371 SNP-3302	SCP-3371/2373 SCP-2371/2273 SCP-2271 SNP-6321/6320 SNP-6201/5430 SNP-5321/5320 SNP-5300 SNP-L5233/L6233	SCP-3120 SCP-2120 SNP-3120

Dome Cameras

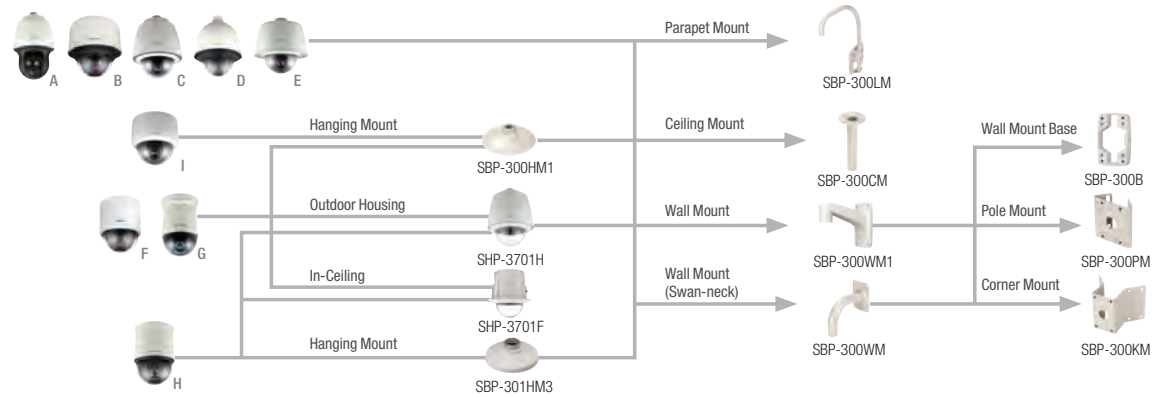
Type	Vandal-Resistant						Indoor Dome							
Shape														
Color	Ivory													
Model	SCV-2120 SCV-2080R	SCV-3120/3080 SCV-2080/2060 SNV-7082 SNV-7080R/7080 SNV-5080R/5080 SNV-3120 SNV-3082	SCV-3083 SCV-3082 SCV-3081 SCV-2082R SCV-2081R SCV-2081 SNV-1080R SNV-1080	SCV-6081R SNV-8081R SNV-8080 SNV-7084R SNV-7084 SNV-6085R SNV-6084R SNV-6084 SNV-5084R SNV-5084	SCV-6083R SCV-6023R SCV-5085 SCV-5083R SNV-7084 SCV-5082 SNV-L6083R SNV-L5083R	SNV-6013	SCD-6083R SCD-6081R SND-7084R SND-7084 SND-6084R SND-6084 SND-6083 SND-5084R SND-5084 SND-5083 SND-6084RS1	SCD-6080 SND-7082 SND-7080 SND-5080 SND-3082 SND-3080	SCD-5083B SCD-6021 SCD-5083R SCD-5083 SCD-5082 SCD-5080 SND-6011R SND-L6083R SND-L5083R	SCD-3083/3082E SCD-3081/3080 SCD-2082/2081 SCD-2080R/2080E SCD-2080/2060E SND-7061/5061 SND-1080	SCD-5030/5020 SCD-2042R/2040 SCD-2022R/2022 SCD-2021/2020R SCD-2020 SND-7011/5011 SND-1011	SCD-2010 SCD-2030 SUD-2010	SCD-6023R SND-L5013 SND-L6012 SND-L6013 SND-L6013R	

Fisheye Cameras

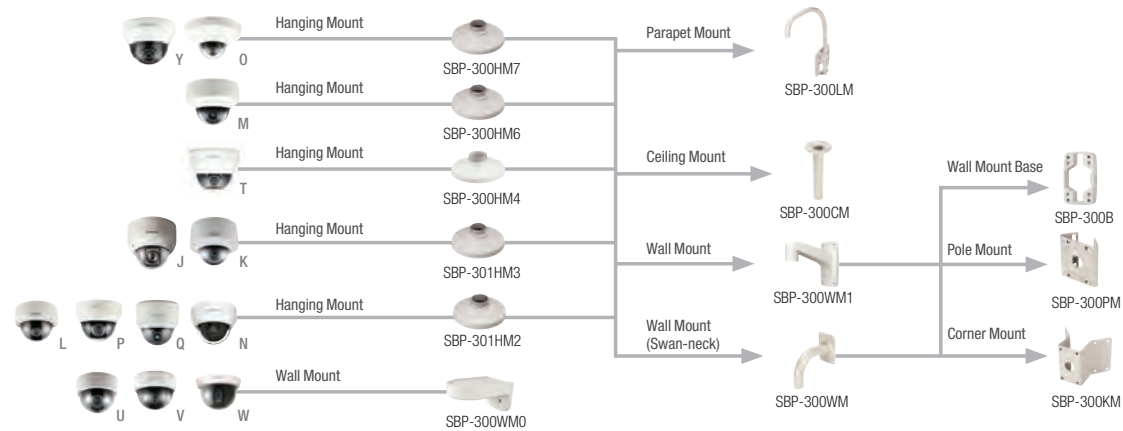
Type	3M Fisheye		5M Fisheye	
Shape				
Color	Ivory			
Model	SNF-7010	SNF-7010V SNF-7010VM	SNF-8010	SNF-8010VM

ACCESSORIES CONFIGURATION

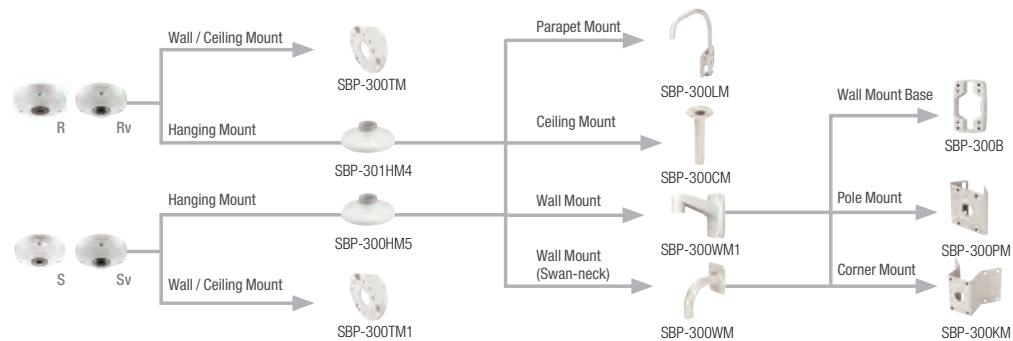
PTZ



DOME

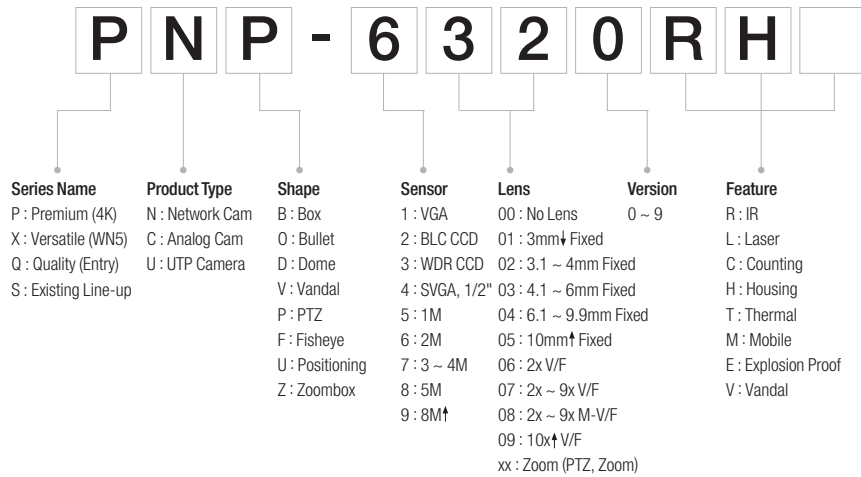


FISHEYE

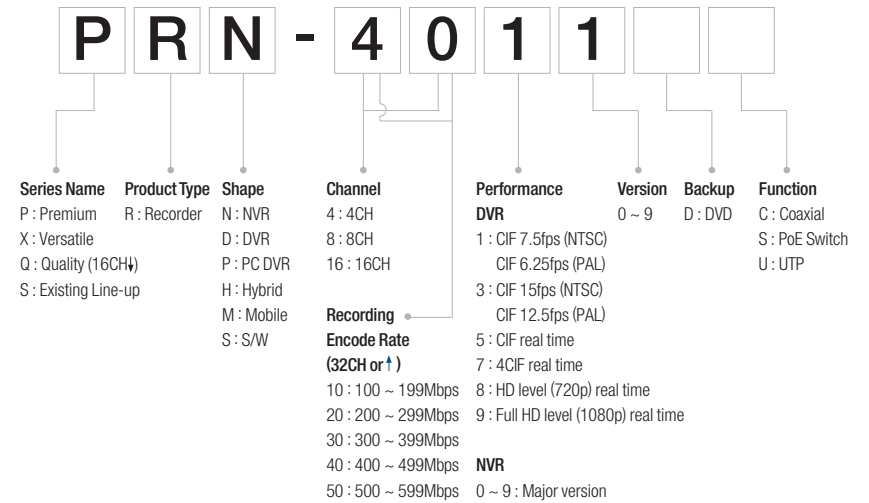


PRODUCT NAMING RULE

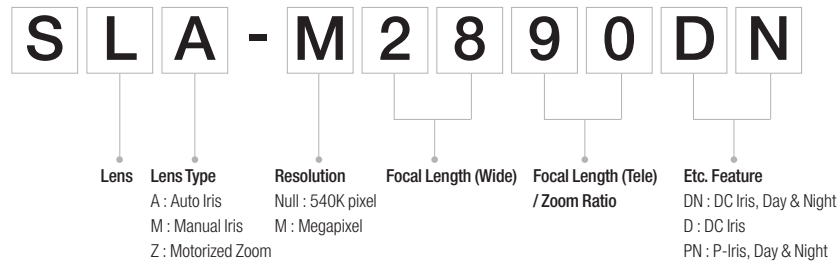
Camera



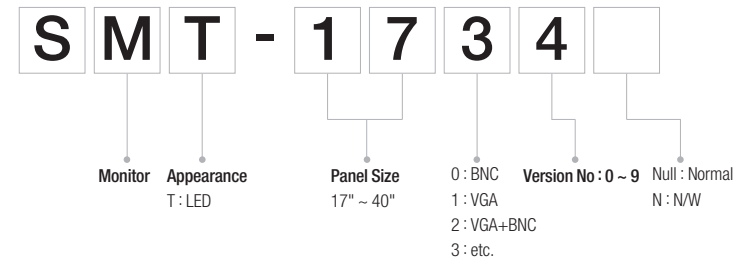
Recorder



Lens



Monitor



Head Office

86 Cheonggyecheon-ro Jung-gu Seoul 04541 Korea
Tel : +82.2.729.5277, 5254 Fax : +82.2.729.5489
www.security.hanwhatechwin.com

Hanwha Techwin Europe

2nd Floor, No. 5 The Heights, Brooklands, Weybridge, Surrey,
KT13 0NY, UK
Tel : +44.1932.82.6700 Fax : +44.1932.82.6701

Hanwha Techwin America

100 Challenger Rd. Suite 700 Ridgefield Park, NJ 07660
Toll Free : +1.877.213.1222 Direct : +1.201.325.6920
Fax : +1.201.373.0124

Hanwha Techwin Brasil

5200 Blue Lagoon Dr. Ste 210, Miami, FL, 33126
Tel : +1.305.728.0975 Fax : +1-305.351.8900

Hanwha Techwin Shanghai

32F, Blk B, New Caohejing International Business Center,
No. 391 Guiping Rd., Shanghai, China, 200233
Tel : +86.21.5427.1155 Fax : +86.21.5423.5122



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