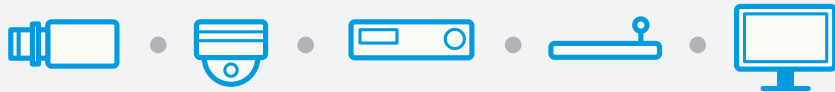


Security Solutions Product Selections



Network | Analog

3rd Quarter 2015



	SNB-9000	SNB-8000	WiseNet III SNB-7004	WiseNet III SNB-6011
VIDEO	Resolution	4K UHD & 12MP	5MP	3MP
	Imaging Device	1/2.3" 12M CMOS	1/1.8" 6M CMOS	1/2.8" 3.2M CMOS
	Video Compression Format	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG
	Resolution / Max. Frame Rate	8M / 30fps, 12M / 20fps	5M / 20fps	3M / 30fps
	Streaming Capacity	Multiple (Up to 3 profiles)	Multiple (Up to 6 profiles)	Multiple (Up to 10 profiles)
	Max. User Access	15 (Unicast)	10 (Unicast)	15 (Unicast)
	Min. Illumination (30 IRE)	Color : 0.28Lux B/W : 0.03Lux	Color : 0.1Lux B/W : 0.01Lux	Color : 0.06Lux B/W : 0.006Lux
	Video Output	CVBS 1.0Vpp BNC type	CVBS 1.0Vpp DIP connector type	CVBS 1.0Vpp DIP connector type
	Lens	-	-	2.4mm fixed (F2.0)
	Angular Field of View	-	-	H : 134.3° / V : 70.9°
OPERATIONAL	Focus Control	Simple focus / Manual	Simple focus / Manual	Simple focus / Manual
	IR Viewable Length	-	-	-
	Pan / Tilt / Rotate	-	-	-
	Day & Night	True (ICR)	True (ICR)	True (ICR)
	Backlight Compensation	BLC / HLC	BLC	WDR (120dB)
	Digital Noise Reduction	SSNR III (2D+3D noise filter)	SSNR (2D+3D noise filter)	SSNR III (2D+3D noise filter)
	Digital Image Stabilization	-	-	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
	Protocol	ONVIF profile S, SVNP, SUNAPI	ONVIF profile S, SVNP, SUNAPI, Open platform	ONVIF profile S, SVNP, SUNAPI
	Alarm I/O	2 / 1	1 / 1	1 / 1
FEATURES	Audio	Bi-directional	Bi-directional	Bi-directional
	Edge Storage	micro SD/SDHC/SDXC	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)
	Power	AC 24V (Max. 12.5W) DC 12V (Max. 10.0W) 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)
	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)
	Additional Features	RS-485	P-Iris, RS-485	P-Iris, RS-485, Defog
				Separated head and body, Defog

※ Min. Illumination (50 IRE)

4K revealed how hairy the elephant is.



4K, UHD & 12MP Ultra High resolution Box Camera SNB-9000

- Provides clear and crisp images with amazing details
- 4K UHD (3840 x 2160) 30fps, 12M (4000 x 3000) 20fps
- Simple focus, Day & Night (ICR)
- Intelligent video analytics
- micro SD/SDHC/SDXC





WiseNet III
SNB-6010

WiseNet III
SNB-6005

WiseNet III
SNB-6004

WiseNet III
SNB-6003

WiseNet III
SNB-5004

WiseNet III
SNB-5003

WiseNet III
SNB-3002

WiseNet III
SNZ-6320

	Resolution	2MP	2MP	2MP	2MP	1.3MP	1.3MP	4CIF	2MP
VIDEO	Imaging Device	1/2.8" 2.38M CMOS	1/1.9" 2.4M CMOS	1/2.8" 2.38M CMOS	1/2.8" 2.38M CMOS	1/3" 1.3M CMOS	1/3" 1.3M CMOS	1/3" Super HAD PS CCD	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, MPEG-4, MJPEG	H.264, MJPEG
	Resolution / Max. Frame Rate	2M / 30fps	2M / 60fps	2M / 60fps	2M / 60fps	1.3M / 60fps	1.3M / 60fps	4CIF / 30(25)fps	2M / 60fps
	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	15 (Unicast)	15 (Unicast)	15 (Unicast)	15 (Unicast)	15 (Unicast)	15 (Unicast)	10 (Unicast)	10 (Unicast)
	Min. Illumination (30 IRE)	※ Color : 0.5Lux	Color : 0.015Lux B/W : 0.0015Lux	Color : 0.03Lux B/W : 0.002Lux	Color : 0.03Lux B/W : 0.03Lux	Color : 0.008Lux B/W : 0.002Lux	Color : 0.008Lux B/W : 0.008Lux	※ Color : 0.4Lux B/W : 0.04Lux	Color : 0.15Lux B/W : 0.015Lux
	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	CVBS 1.0Vpp DIP connector type
	Lens	4.6mm pinhole (F 2.5)	-	-	-	-	-	-	4.44 ~ 142.6mm (Optical 32x) F1.6(Wide) / F4.4(Tele)
	Angular Field of View	H 71° / V 38°	-	-	-	-	-	-	H : 62.8°(Wide) ~ 2.23°(Tele) / V : 36.8°(Wide) ~ 1.26°(Tele)
Focus Control	-	Simple focus / Manual	Simple focus / Manual	Manual	Simple focus / Manual	Manual	-	Auto / Manual / One push	
OPERATIONAL	IR Viewable Length	-	-	-	-	-	-	-	-
	Pan / Tilt / Rotate	-	-	-	-	-	-	-	-
	Day & Night	Electrical	True (ICR)	True (ICR)	Electrical	True (ICR)	Electrical	True (ICR)	True (ICR)
	Backlight Compensation	WDR (120dB)	WDR (120dB)	WDR (120dB)	WDR (120dB)	WDR (130dB)	WDR (130dB)	WDR (52dB / 54dB)	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)	Motion adaptive 2D+3D noise filter	SSNRⅢ (2D+3D noise filter)
	Digital Image Stabilization	Support	Support	Support	Support	Support	Support	Support	Support
	Intelligent Video Analytics	Tampering, Virtual line, Enter / Exit, (Dis)Appear,	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	Tampering, Virtual line, Enter / Exit, (Dis)Appear, Audio detection, Face detection	Tampering, Virtual line, Enter / Exit, (Dis)Appear, Audio detection, Face detection	Tampering, Motion detection	Tampering, Virtual line, Enter / Exit, (Dis)Appear, Audio detection, Face detection
FEATURES	Protocol	ONVIF profile S, SVNP, SUNAPI	ONVIF profile S, SVNP, SUNAPI	ONVIF profile S, SVNP, SUNAPI, Open platform	ONVIF profile S, SVNP, SUNAPI, Open platform	ONVIF profile S, SVNP, SUNAPI, Open platform	ONVIF profile S, SVNP, SUNAPI, Open platform	ONVIF profile S	ONVIF profile S, SVNP, SUNAPI, Open platform
	Alarm I/O	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1 (Relay)	1 / 1 (Relay)
	Audio	-	Bi-directional	Bi-directional	Bi-directional	Bi-directional	Bi-directional	Bi-directional	Bi-directional
	Edge Storage	micro SD/SDHC/SDXC, NAS	SD/SDHC/SDXC	SD/SDHC/SDXC, NAS	SD/SDHC/SDXC, NAS	SD/SDHC/SDXC, NAS	SD/SDHC/SDXC, NAS	SD/SDHC	SD/SDHC/SDXC, NAS
	Environment Protection	-	-	-	-	-	-	-	-
	Operating Temperature	-10℃ ~ +55℃ (+14°F ~ +131°F)	-10℃ ~ +55℃ (+14°F ~ +131°F)	-10℃ ~ +55℃ (+14°F ~ +131°F)	-10℃ ~ +55℃ (+14°F ~ +131°F)	-10℃ ~ +55℃ (+14°F ~ +131°F)	-10℃ ~ +55℃ (+14°F ~ +131°F)	-10℃ ~ +55℃ (+14°F ~ +131°F)	-10℃ ~ +55℃ (+14°F ~ +131°F)
	Power	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. 9.5W) DC 12V (Max. 8.38W) PoE (Max. 9.18W)	AC 24V (Max. 12.5W) DC 12V (Max. 10.5W) PoE (Max. 12.0W)	AC 24V (Max. 12.5W) DC 12V (Max. 10.5W) PoE (Max. 12.0W)	AC 24V, DC 12V, PoE (Max. 6.0W)	DC 12V (Max. 9.0W) PoE (Max. 10.0W)
	Dimensions (WxHxD) / Weight	Head : Ø25.0 x 44.0mm (Ø0.98" x 1.73"), 20g (0.04 lb) Body : 76.0 x 121.1 x 28.0 (2.99" x 4.77" x 1.1"), 285g (0.63 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 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 60.0 x 136.8mm (2.83" x 2.36" x 5.39") 420g (0.93 lb)	72.0 x 59.9 x 135.4mm (2.83" x 2.36" x 5.33") 540g (1.19 lb)
	Additional Features	Separated head and body, Defog	P-Iris, RS-485, Defog	P-Iris, RS-485, Defog	P-Iris, RS-485, Defog	P-Iris, RS-485, Defog	P-Iris, RS-485, Defog	RS-485	RS-485, Defog

※ Min. Illumination (50 IRE)



SNO-8081R



WiseNet III
SNO-7084R



WiseNet III
SNO-6084R



WiseNet III
SNO-6011R

	Resolution	5MP	3MP	2MP	2MP
VIDEO	Imaging Device	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.265, H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG
	Resolution / Max. Frame Rate	5M / 30fps	3M / 30fps	2M / 60fps	2M / 30fps
	Streaming Capacity	Multiple (Up to 3 profiles)	Multiple (Up to 10 profiles)	Multiple (Up to 10 profiles)	Multiple (Up to 10 profiles)
	Max. User Access	10 (Unicast)	15 (Unicast)	15 (Unicast)	15 (Unicast)
	Min. Illumination (30 IRE)	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
	Lens	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 : 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	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)	30m (98.43ft)	30m (98.43ft)	15m (49.21ft)
	Pan / Tilt / Rotate	-	-	-	-
	Day & Night	True (ICR)	True (ICR)	True (ICR)	True (ICR)
	Backlight Compensation	WDR (120dB)	WDR (120dB)	WDR (120dB)	WDR (120dB, 15fps)
	Digital Noise Reduction	SSNR.III (2D+3D noise filter)	SSNR.III (2D+3D noise filter)	SSNR.III (2D+3D noise filter)	SSNR.III (2D+3D noise filter)
	Digital Image Stabilization	-	Support	Support	Support
	Intelligent Video Analytics	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, SVNP, SUNAPI, Open platform	ONVIF profile S, SVNP, SUNAPI, Open platform	ONVIF profile S, SVNP, SUNAPI, Open platform	ONVIF profile S, SVNP, SUNAPI, Open platform
	Alarm I/O	1/1	1/1	1/1	1/0
	Audio	Bi-directional	Bi-directional	Bi-directional	-
FEATURES	Edge Storage	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	-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. 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. 11W - Heater off AC 24V (Max. 17W - Heater on)	PoE (Max. 8.5W)
	Dimensions (WxHxD) / Weight	82.0 x 87.0 x 348.3mm (3.23" x 3.43" x 13.71") 1.5Kg (3.31lb) (With sunshield)	82.4 x 82.4 x 312.6mm (3.24" x 3.24" x 12.31") 1.19Kg (2.62lb) (With sunshield)	82.4 x 82.4 x 312.6mm (3.24" x 3.24" x 12.31") 1.19Kg (2.62lb) (With sunshield)	77.1 x 83.0 x 302.4mm (3.04" x 3.27" x 11.91") 560g (1.23lb)
	Additional Features	Lens Distortion Correction, Hallway view, P-Iris	P-Iris, Defog	P-Iris, Defog	Defog

Break the Rules!

5MP ULTRA high resolution
while reduce data size



SNO-8081R SNV-8081R

5 Megapixel Bullet and
Vandal IR Cameras

- 5M 30fps
- True WDR 120dB
- H.265 support
- Hallway view (Rotate 90° / 270°)
- LDC (Lens Distortion Control)





WiseNet Lite
SNO-L6083R



WiseNet Lite
SNO-L6013R



WiseNet III
SNO-5084R



WiseNet Lite
SNO-L5083R

	Resolution	2MP	2MP	1.3MP	1.3MP
VIDEO	Imaging Device	1/2.9" 2.19M CMOS	1/2.9" 2.19M CMOS	1/3" 1.37M CMOS	1/3" 1.37M CMOS
	Video Compression Format	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
	Streaming Capacity	Multiple (Up to 3 profiles)	Multiple (Up to 3 profiles)	Multiple (Up to 10 profiles)	Multiple (Up to 3 profiles)
	Max. User Access	6 (Unicast)	6 (Unicast)	15 (Unicast)	6 (Unicast)
	Min. Illumination (30 IRE)	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)
	Video Output	-	-	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)
	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)
	Focus Control	Manual	-	Simple focus (Motorized V/F) / Manual	Manual
OPERATIONAL	IR Viewable Length	20m (65.62ft)	20m (65.62ft)	30m (98.43ft)	20m (65.62ft)
	Pan / Tilt / Rotate	-	-	-	-
	Day & Night	True (ICR)	True (ICR)	True (ICR)	True (ICR)
	Backlight Compensation	BLC	BLC	WDR (130dB)	BLC
	Digital Noise Reduction	SSNR	SSNR	SSNR/III (2D+3D noise filter)	SSNR
	Digital Image Stabilization	-	-	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
FEATURES	Protocol	ONVIF profile S & G, SUNAPI	ONVIF profile S & G, SUNAPI	ONVIF profile S, SVNP, SUNAPI	ONVIF profile S & G, SUNAPI
	Alarm I/O	-	-	1 / 1	-
	Audio	Uni-directional	Uni-directional	Bi-directional	Uni-directional
	Edge Storage	micro SD/SDHC, NAS	micro SD/SDHC, NAS	micro SD/SDHC/SDXC	micro SD/SDHC, NAS
	Environment Protection	IP66, IK10	IP66	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)	-30°C ~ +55°C (-22°F ~ +131°F) *Start up above -20°C (-4°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)
	Dimensions (WxHxD) / Weight	Ø70.0 x 246.0mm (Ø2.76" x 9.69") 700g (1.54 lb) (Without sunshield)	Ø58.6 x 165.2mm (Ø2.31" x 6.5") 250g (0.55 lb) (Without sunshield)	82.4 x 82.4 x 312.6mm (3.24" x 3.24" x 12.31") 1.17kg (2.58 lb) (With sunshield)	Ø70.0 x 246.0mm (Ø2.76" x 9.69") 650g (1.43 lb) (Without sunshield)
	Additional Features	Lens Distortion Correction, Hallway view	Lens Distortion Correction, Hallway view	P-Iris, Defog	Lens Distortion Correction, Hallway view

WiseNet Lite

The Power of Simplicity



Simplest Camera for the Perfect Retail Solution

Everything you need for the perfect retail solution is in the compact WiseNet Lite series. WiseNet Lite series will secure shops, department stores, or supermarkets by using the advanced technologies of Samsung.

- 1.3megapixel to 2megapixel high resolution, 30fps@2MP/1.3MP
- Hallway view (Rotate 90°/270°), LDC (Lens Distortion Correction)
- Edge storage (micro SD/NAS), Audio support, Compact design, IR Length 15/20m





SNF-8010



SNF-8010VM



**WiseNet III
SND-7084**



**WiseNet III
SND-6084**



**WiseNet III
SND-6083**



**WiseNet Lite
SND-L6013**



**WiseNet Lite
SND-L6012**



**WiseNet III
SND-5084**

	Resolution	5MP	5MP	3MP	2MP	2MP	2MP	2MP	1.3MP
VIDEO	Imaging Device	1/1.8" 6M CMOS (IMX178)	1/1.8" 6M CMOS (IMX178)	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	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	5M / 20fps	5M / 20fps	3M / 30fps	2M / 60fps	2M / 60fps	2M / 30fps	2M / 30fps	1.3M / 60fps
	Streaming Capacity	Multiple (Up to 5 profiles)	Multiple (Up to 5 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)	Multiple (Up to 10 profiles)
	Max. User Access	10 (Unicast)	10 (Unicast)	15 (Unicast)	15 (Unicast)	15 (Unicast)	6 (Unicast)	6 (Unicast)	15 (Unicast)
	Min. Illumination (30 IRE)	Color : 0.2Lux B/W : 0.02Lux	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	Color : 0.15Lux B/W : 0.15Lux	Color : 0.15Lux B/W : 0.15Lux	Color : 0.008Lux B/W : 0.002Lux
	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
	Lens	1.14mm fixed (F2.5)	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)	3.6mm fixed (F1.8)	2.8mm fixed (F1.8)	3 ~ 8.5mm (2.8x) Motorized V/F (F1.2)
	Angular Field of View	H : 187° / V : 187° / D : 187°	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)	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)
	Focus Control	Manual	Manual	Simple focus (Motorized V/F) / Manual	Simple focus (Motorized V/F) / Manual	Manual	-	-	Simple focus (Motorized V/F) / Manual
OPERATIONAL	IR Viewable Length	-	-	-	-	-	-	-	-
	Pan / Tilt / Rotate	-	-	0° ~ 354° / 0° ~ 67° / 0° ~ 355°	0° ~ 354° / 0° ~ 67° / 0° ~ 355°	0° ~ 354° / 0° ~ 67° / 0° ~ 355°	0° ~ 350° / 0° ~ 67° / 0° ~ 355°	0° ~ 350° / 0° ~ 67° / 0° ~ 355°	0° ~ 354° / 0° ~ 67° / 0° ~ 355°
	Day & Night	True (ICR)	True (ICR)	True (ICR)	True (ICR)	Electrical	Electrical	Electrical	True (ICR)
	Backlight Compensation	WDR (60dB)	WDR (60dB)	WDR (120dB)	WDR (120dB)	WDR (120dB)	BLC	BLC	WDR (130dB)
	Digital Noise Reduction	SSNR III (2D+3D noise filter)	SSNR III (2D+3D noise filter)	SSNR III (2D+3D noise filter)	SSNR III (2D+3D noise filter)	SSNR III (2D+3D noise filter)	SSNR	SSNR	SSNR III (2D+3D noise filter)
	Digital Image Stabilization	-	-	Support	Support	Support	-	-	Support
	Intelligent Video Analytics	Tampering, Audio 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, Audio detection, Face detection	Motion detection with metadata, Tampering	Motion detection with metadata, Tampering	Tampering, Virtual line, Enter / Exit, (Dis)Appear, Audio detection, Face detection
FEATURES	Protocol	ONVIF profile S, SVNP, SUNAPI	ONVIF profile S, SVNP, SUNAPI	ONVIF profile S, SVNP, SUNAPI, Open platform	ONVIF profile S, SVNP, SUNAPI, Open platform	ONVIF profile S, SVNP, SUNAPI, Open platform	ONVIF profile S & G, SUNAPI	ONVIF profile S & G, SUNAPI	ONVIF profile S, SVNP, SUNAPI, Open platform
	Alarm I/O	1/1	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	Bi-directional
	Edge Storage	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, NAS	micro SD/SDHC, NAS	SD/SDHC/SDXC, NAS
	Environment Protection	-	IP66, IK10 / EN-61373/50155	-	-	-	-	-	-
	Operating Temperature	-10°C ~ +55°C (+14°F ~ +131°F)	-30°C ~ +55°C (-22°F ~ +131°F) *Start up above -25°C (-13°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	DC 12V (Max. 8.7W), PoE (Max. 10.3W)	DC 12V (Max. 8.7W), PoE (Max. 10.3W)	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)	PoE (Max. 2.4W)	PoE (Max. 2.4W)	DC 12V (Max. 9.0W) PoE (Max. 11.0W)
	Dimensions (WxHxD) / Weight	Ø145.9 x 49.6mm (Ø5.74" x 1.95") 780g (1.72 lb)	Ø145.9 x 62.4mm (Ø5.74" x 2.46") 800g (1.76 lb)	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)	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)
	Additional Features	Various viewing compositions	Various viewing compositions, M12 connector	P-Iris, Defog	P-Iris, Defog	Defog	Lens Distortion Correction, Hallway view	Lens Distortion Correction, Hallway view	P-Iris, Defog



WiseNet III
SND-5083



WiseNet Lite
SND-L5013



SND-3082



WiseNet III
SND-7084R



WiseNet III
SND-6084R



WiseNet III
SND-6011R



WiseNet Lite
SND-L6083R



WiseNet Lite
SND-L6013R

	Resolution	1,3MP	1,3MP	4CIF	3MP	2MP	2MP	2MP	2MP
VIDEO	Imaging Device	1/3" 1.3M CMOS	1/3" 1.37M CMOS	1/3" Super HAD PS CCD	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.264, MPEG-4, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG
	Resolution / Max. Frame Rate	1,3M / 60fps	1,3M / 30fps	4CIF / 30(25)fps	3M / 30fps	2M / 60fps	2M / 30fps	2M / 30fps	2M / 30fps
	Streaming Capacity	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 3 profiles)	Multiple (Up to 3 profiles)
	Max. User Access	15 (Unicast)	6 (Unicast)	10 (Unicast)	15 (Unicast)	15 (Unicast)	15 (Unicast)	6 (Unicast)	6 (Unicast)
	Min. Illumination (30 IRE)	Color : 0.008Lux B/W : 0.002Lux	Color : 0.085Lux B/W : 0.085Lux	* Color : 0.4Lux B/W : 0.04Lux	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)	Color : 0.095Lux B/W : 0Lux (IR LED on)	Color : 0.15Lux B/W : 0Lux (IR LED on)
	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	-	-
	Lens	2.8 ~ 10mm (3.6x) V/F (F1.2)	3.6mm fixed (F1.8)	2.8 ~ 11mm (3.9x) V/F (F1.2)	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)	2.8 ~ 12mm (4.3x) V/F (F1.4)	3.6mm fixed (F1.8)
	Angular Field of View	H : 94.6° (Wide) ~ 28.8° (Tele) / V : 68.4° (Wide) ~ 21.6° (Tele)	H : 74° / V : 58° / D : 97°	H : 94.6° (Wide) ~ 28.8° (Tele) / V : 68.4° (Wide) ~ 21.6° (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°	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	Manual	-	-	Simple focus (Motorized V/F) / Manual	Simple focus (Motorized V/F) / Manual	Manual	Manual	-
OPERATIONAL	IR Viewable Length	-	-	-	25m (82.02ft)	15m (49.21ft)	10m (32.81ft)	15m (49.21ft)	15m (49.21ft)
	Pan / Tilt / Rotate	0° ~ 354° / 0° ~ 67° / 0° ~ 355°	0° ~ 350° / 0° ~ 67° / 0° ~ 355°	0° ~ 355° / 0° ~ 90° / 0° ~ 355°	0° ~ 354° / 0° ~ 67° / 0° ~ 355°	0° ~ 354° / 0° ~ 67° / 0° ~ 355°	0° ~ 354° / 0° ~ 67° / 0° ~ 355°	0° ~ 350° / 0° ~ 67° / 0° ~ 355°	0° ~ 350° / 0° ~ 67° / 0° ~ 355°
	Day & Night	True (ICR)	Electrical	Electrical	True (ICR)	True (ICR)	True (ICR)	True (ICR)	True (ICR)
	Backlight Compensation	WDR (130dB)	BLC	WDR (52dB / 54dB)	WDR (120dB)	WDR (120dB)	WDR (120dB)	BLC	BLC
	Digital Noise Reduction	SSNR III (2D+3D noise filter)	SSNR	Motion adaptive 2D+3D noise filter	SSNR III (2D+3D noise filter)	SSNR III (2D+3D noise filter)	SSNR III (2D+3D noise filter)	SSNR	SSNR
	Digital Image Stabilization	Support	-	Support	Support	Support	Support	-	-
	Intelligent Video Analytics	Tampering, Virtual line, Enter / Exit, (Dis)Appear, Audio detection, Face detection	Motion detection with metadata, Tampering	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	Motion detection with metadata, Tampering	Motion detection with metadata, Tampering
FEATURES	Protocol	ONVIF profile S, SNMP, SUNAPI, Open platform	ONVIF profile S & G, SUNAPI	ONVIF profile S	ONVIF profile S, SNMP, SUNAPI, Open platform	ONVIF profile S, SNMP, SUNAPI, Open platform	ONVIF profile S, SNMP, SUNAPI, Open platform	ONVIF profile S & G, SUNAPI	ONVIF profile S & G, SUNAPI
	Alarm I/O	1 / 1	-	1 / 1 (Relay)	1 / 1	1 / 1	1 / 0	-	-
	Audio	Bi-directional	Uni-directional	Bi-directional	Bi-directional	Bi-directional	-	Uni-directional	Uni-directional
	Edge Storage	SD/SDHC/SDXC, NAS	micro SD/SDHC, NAS	SD/SDHC	micro SD/SDHC/SDXC, NAS	SD/SDHC/SDXC, NAS	micro SD/SDHC/SDXC	micro SD/SDHC, NAS	micro SD/SDHC, 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)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)
	Power	DC 12V (Max. 9.0W) PoE (Max. 11.0W)	PoE (Max. 2.4W)	AC 24V, DC 12V, PoE (Max. 6.0W)	DC 12V (Max. 10.0W) PoE (Max. 11.0W)	DC 12V, PoE (Max. 9.0W)	PoE (Max. 8.0W)	PoE (Max. 5.4W)	PoE (Max. 5.9W)
	Dimensions (WxHxD) / Weight	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)	Ø133.0 x 129.4mm (Ø5.24" x 5.09") 580g (1.27 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)	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)
	Additional Features	Defog	Lens Distortion Correction, Hallway view	-	P-Iris, Defog	P-Iris, Defog	Defog	Lens Distortion Correction, Hallway view	Lens Distortion Correction, Hallway view

* Min. Illumination (50 IRE)

NETWORK

IR Dome / Vandal-Resistant



WiseNet III
SND-5084R



WiseNet Lite
SND-L5083R



WiseNet III
SNV-8080



WiseNet III
SNV-7084



WiseNet III
SNV-6084



WiseNet III
SNV-6013



WiseNet III
SNV-6012M



WiseNet III
SNV-5084

	Resolution	1,3MP	1,3MP	5MP	3MP	2MP	2MP	2MP	1,3MP
VIDEO	Imaging Device	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	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	1,3M / 60fps	1,3M / 30fps	5M / 20fps	3M / 30fps	2M / 60fps	2M / 60fps	2M / 60fps	1,3M / 60fps
	Streaming Capacity	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)	Multiple (Up to 10 profiles)	Multiple (Up to 10 profiles)
	Max. User Access	15 (Unicast)	6 (Unicast)	10 (Unicast)	15 (Unicast)	15 (Unicast)	15 (Unicast)	15 (Unicast)	15 (Unicast)
	Min. Illumination (30 IRE)	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	Color : 0.15Lux B/W : 0.15Lux	Color : 0.008Lux B/W : 0.002Lux
	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
	Lens	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)	3mm fixed (F2.0)	3 ~ 8.5mm (2.8x) Motorized V/F (F1.2)
OPERATIONAL	Angular Field of View	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 : 77.5°(Wide) ~ 21.0°(Tele)	H 112° / V 62°	H 103.1° / V 53.9° / D 124.5°	H : 93.3°(Wide) ~ 33.2°(Tele) / V : 73.7°(Wide) ~ 26.6°(Tele)
	Focus Control	Simple focus (Motorized V/F) / Manual	Manual	Simple focus / Manual	Simple focus (Motorized V/F) / Manual	Simple focus (Motorized V/F) / Manual	-	-	Simple focus (Motorized V/F) / Manual
	IR Viewable Length	30m (98.43ft)	15m (49.21ft)	-	-	-	-	-	-
	Pan / Tilt / Rotate	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°	-	-10° ~ 10° / 0° ~ 90° / -	0° ~ 354° / 0° ~ 67° / 0° ~ 355°
	Day & Night	True (ICR)	True (ICR)	True (ICR)	True (ICR)	True (ICR)	Electrical	Electrical	True (ICR)
	Backlight Compensation	WDR (130dB)	BLC	BLC	WDR (120dB)	WDR (120dB)	WDR (120dB)	WDR (120dB)	WDR (130dB)
	Digital Noise Reduction	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)	SSNR(III) (2D+3D noise filter)	SSNR(III) (2D+3D noise filter)
	Digital Image Stabilization	Support	-	-	Support	Support	Support	Support	Support
FEATURES	Intelligent Video Analytics	Tampering, Virtual line, Enter / Exit, (Dis)Appear, Audio detection, Face detection	Motion detection with metadata, Tampering	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	Tampering, Virtual line, Enter / Exit, (Dis)Appear, Face detection	Tampering, Virtual line, Enter / Exit, (Dis)Appear, Audio detection, Face detection
	Protocol	ONVIF profile S, SVNP, SUNAPI	ONVIF profile S & G, SUNAPI	ONVIF profile S, SVNP, SUNAPI, Open platform	ONVIF profile S, SVNP, SUNAPI, Open platform	ONVIF profile S, SVNP, SUNAPI, Open platform	ONVIF profile S, SVNP, SUNAPI, Open platform	ONVIF profile S, SVNP, SUNAPI, Open platform	ONVIF profile S, SVNP, SUNAPI, Open platform
	Alarm I/O	1/1	-	1/1	1/1	1/1	-	-	1/1
	Audio	Bi-directional	Uni-directional	Bi-directional	Bi-directional	Bi-directional	-	-	Bi-directional
	Edge Storage	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	SD/SDHC/SDXC, NAS	SD/SDHC/SDXC, NAS
	Environment Protection	-	-	IP66, IK10	IP66, IK10	IP66, IK10	IP66, IK10	IP66, IK10 / EN50155, EN50121	IP66, IK10
	Operating Temperature	-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)	-30°C ~ +55°C (-22°F ~ +131°F)	-40°C ~ +55°C (-40°F ~ +131°F) *Start up above -35°C (-31°F)
	Power	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)	PoE (Max. 7.5W)	DC 12V, AC 24V (Max. 14.0W - Heater on), PoE (Max. 12.95W - Heater on)
	Dimensions (WxHxD) / Weight	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)	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)
	Additional Features	P-Iris, Defog	Lens Distortion Correction, Hallway view	-	P-Iris, Defog	P-Iris, Defog	Defog	Defog, M12 connector	P-Iris, Defog

New



SNV-3082



SNV-8081R



WiseNet III
SNV-7084R



WiseNet III
SNV-6084R



WiseNet Lite
SNV-L6083R



WiseNet III
SNV-5084R



WiseNet Lite
SNV-L5083R



WiseNet III
SNP-6321H

	Resolution	4CIF	5MP	3MP	2MP	2MP	1.3MP	1.3MP	2MP
VIDEO	Imaging Device	1/3" Super HAD PS CCD	1/1.8" 6M CMOS	1/2.8" 3.2M CMOS	1/2.8" 2.38M CMOS	1/2.9" 2.19M CMOS	1/3" 1.37M CMOS	1/3" 1.37M CMOS	1/2.8" 2.38M CMOS
	Video Compression Format	H.264, MPEG-4, MJPEG	H.265, 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	4CIF / 30(25)fps	5M / 30fps	3M / 30fps	2M / 60fps	2M / 30fps	1.3M / 60fps	1.3M / 30fps	2M / 60fps
	Streaming Capacity	Multiple (Up to 10 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 3 profiles)	Multiple (Up to 10 profiles)
	Max. User Access	10 (Unicast)	10 (Unicast)	15 (Unicast)	15 (Unicast)	6 (Unicast)	15 (Unicast)	6 (Unicast)	10 (Unicast)
	Min. Illumination (30 IRE)	* Color : 0.4Lux B/W : 0.04Lux	Color : 0.1Lux 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 : 0.095Lux 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
	Video Output	CVBS 1.0Vpp	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	2.8 ~ 11mm (3.9x) V/F (F1.2)	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)	2.8 ~ 12mm (4.3x) V/F (F1.4)	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)
	Angular Field of View	H : 94.6°(Wide) ~ 28.8°(Tele) / V : 68.4°(Wide) ~ 21.6°(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 : 103.8°(Wide) ~ 32.4°(Tele) / V : 53.7°(Wide) ~ 18.4°(Tele) / D : 121.9°(Wide) ~ 37.1°(Tele)	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)
	Focus Control	-	Simple focus (Motorized V/F) / Manual	Simple focus (Motorized V/F) / Manual	Simple focus (Motorized V/F) / Manual	Manual	Simple focus (Motorized V/F) / Manual	Manual	Auto / Manual / One push
OPERATIONAL	IR Viewable Length	-	30m (98.43ft)	25m (82.02ft)	15m (49.21ft)	20m (65.62ft)	30m (98.43ft)	20m (65.62ft)	-
	Pan / Tilt / Rotate	0° ~ 355° / 0° ~ 90° / 0° ~ 355°	0° ~ 354° / 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° ~ 350° / 0° ~ 67° / 0° ~ 355°	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	WDR (52dB / 54dB)	WDR (120dB)	WDR (120dB)	WDR (120dB)	BLC	WDR (130dB)	BLC	WDR (120dB)
	Digital Noise Reduction	Motion adaptive 2D+3D noise filter	SSNR III (2D+3D noise filter)	SSNR III (2D+3D noise filter)	SSNR III (2D+3D noise filter)	SSNR	SSNR III (2D+3D noise filter)	SSNR	SSNR III (2D+3D noise filter)
	Digital Image Stabilization	Support	Support	Support	Support	-	Support	-	Support
	Intelligent Video Analytics	Tampering, 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	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
	Protocol	ONVIF profile S	ONVIF profile S, SVNP, SUNAPI, Open platform	ONVIF profile S, SVNP, SUNAPI, Open platform	ONVIF profile S, SVNP, SUNAPI, Open platform	ONVIF profile S & G, SUNAPI	ONVIF profile S, SVNP, SUNAPI	ONVIF profile S & G, SUNAPI	ONVIF profile S, SVNP, SUNAPI, Open platform
	Alarm I/O	1 / 1 (Relay)	1 / 1	1 / 1	1 / 1	-	1 / 1	-	4 / 2 (Relay)
	Audio	Bi-directional	Bi-directional	Bi-directional	Bi-directional	Uni-directional	Bi-directional	Uni-directional	Bi-directional
FEATURES	Edge Storage	SD/SDHC	SD/SDHC/SDXC, NAS, Local PC	micro SD/SDHC/SDXC, NAS	SD/SDHC/SDXC, NAS	micro SD/SDHC, NAS	micro SD/SDHC/SDXC, NAS	micro SD/SDHC, NAS	SD/SDHC/SDXC, NAS
	Environment Protection	IP66, IK10	IP66, IK10	IP66, IK10	IP66, IK10	IP66, IK10	IP66, IK10	IP66, IK10	IP66, IK10
	Operating Temperature	AC 24V : -40°C ~ +55°C (-40°F ~ +131°F) DC 12V, PoE : -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 : -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)	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)	-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)
	Power	AC 24V, DC 12V, PoE (Max. 6.0W, 11.0W - 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)	Max. 9.5W, AC 24V (Max. 13.5W - Heater on)	PoE (Max. 5.8W)	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)
	Dimensions (WxHxD) / Weight	Ø160.0 x 134.5mm (Ø6.3" x 5.3") 1.39Kg (3.06 lb)	Ø160.0 x 118.5mm (Ø6.3" x 4.67") 995g (2.9 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") 960g (2.12 lb)	Ø137.0 x 106.1mm (Ø5.39" x 4.18") 670g (1.48 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)
	Additional Features	-	Lens Distortion Correction, Hallway view, P-Iris	P-Iris, Defog	P-Iris, Defog	Lens Distortion Correction, Hallway view	P-Iris, Defog	Lens Distortion Correction, Hallway view	RS-485, Defog

* Min. Illumination (50 IRE)



WiseNet III
SNP-6321



WiseNet III
SNP-5321H



WiseNet III
SNP-5321



WiseNet III Plus
SNP-6320H



WiseNet III Plus
SNP-6320



WiseNet III Plus
SNP-5430H



WiseNet III Plus
SNP-5430



SNP-3120VH

	Resolution	2MP	1.3MP	1.3MP	2MP	2MP	1.3MP	1.3MP	4CIF
VIDEO	Imaging Device	1/2.8" 2.38M CMOS	1/3" 1.3M CMOS	1/3" 1.3M CMOS	1/2.8" 2.38M CMOS	1/2.8" 2.38M CMOS	1/4" 1.3M CMOS	1/4" 1.3M CMOS	1/4" Ex-view HAD PS CCD
	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, MPEG-4, MJPEG
	Resolution / Max. Frame Rate	2M / 60fps	1.3M / 60fps	1.3M / 60fps	2M / 60fps	2M / 60fps	1.3M / 60fps	1.3M / 60fps	4CIF / (30/25)fps
	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)	10 (Unicast)	15 (Unicast)	15 (Unicast)	15 (Unicast)	15 (Unicast)	10 (Unicast)
	Min. Illumination (30 IRE)	Color : 0.15Lux B/W : 0.015Lux	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 : 0.3Lux B/W : 0.006Lux	* Color : 0.7Lux B/W : 0.07Lux
	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 ~ 142.6mm (Optical 32x) F1.6(Wide) / F4.4(Tele)	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 ~ 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)	3.5 ~ 150.5mm (Optical 43x) F1.4(Wide) / F4.9(Tele)	3.69 ~ 44.32mm (Optical 12x) F1.6(Wide) / F2.0(Tele)
	Angular Field of View	H : 62.8°(Wide) ~ 2.23°(Tele) / V : 36.8°(Wide) ~ 1.26°(Tele)	H : 56.8°(Wide) ~ 1.99°(Tele) / V : 46.3°(Wide) ~ 1.6°(Tele)	H : 56.8°(Wide) ~ 1.99°(Tele) / V : 46.3°(Wide) ~ 1.6°(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 : 53.92°(Wide) ~ 1.396°(Tele) / V : 44.08°(Wide) ~ 1.12°(Tele)	H : 54.44°(Wide) ~ 4.62°(Tele) / V : 42.32°(Wide) ~ 3.58°(Tele)
	Focus Control	Auto / Manual / One push	Auto / Manual / One push	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
OPERATIONAL	IR Viewable Length	-	-	-	-	-	-	-	-
	Pan / Tilt / Rotate	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°) / -	360° Endless / 210° (-15° ~ 195°) / -	360° Endless / 210° (-15° ~ 195°) / -	360° Endless / 190° (-15° ~ 185°) / -
	Day & Night	True (ICR)	True (ICR)	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)	WDR (120dB)	WDR (52dB / 54dB)
	Digital Noise Reduction	SSNR III (2D+3D noise filter)	SSNR III (2D+3D noise filter)	SSNR III (2D+3D noise filter)	SSNR III (2D+3D noise filter)	SSNR III (2D+3D noise filter)	SSNR III (2D+3D noise filter)	SSNR III (2D+3D noise filter)	Motion adaptive 2D+3D noise filter
	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	Moved / Fixed
	Protocol	ONVIF profile S, SVNP, SUNAPI, Open platform	ONVIF profile S, SVNP, SUNAPI, Open platform	ONVIF profile S, SVNP, SUNAPI, Open platform	ONVIF profile S, SVNP, SUNAPI, Open platform	ONVIF profile S, SVNP, SUNAPI, Open platform	ONVIF profile S, SVNP, SUNAPI, Open platform	ONVIF profile S, SVNP, SUNAPI, Open platform	ONVIF profile S
	Alarm I/O	4 / 2 (Relay)	4 / 2 (Relay)	4 / 2 (Relay)	4 / 2 (Relay)	4 / 2 (Relay)	4 / 2 (Relay)	4 / 2 (Relay)	2 / 2 (Relay)
	Audio	Bi-directional	Bi-directional	Bi-directional	Bi-directional	Bi-directional	Bi-directional	Bi-directional	Bi-directional
FEATURES	Edge Storage	SD/SDHC/SDXC, NAS	SD/SDHC/SDXC, NAS	SD/SDHC/SDXC, NAS	SD/SDHC/SDXC, NAS	micro SD/SDHC/SDXC, NAS	SD/SDHC/SDXC, NAS	micro SD/SDHC/SDXC, NAS	SD/SDHC
	Environment Protection	IK10 (With SHP-3701H)	IP66, IK10	IK10 (With SHP-3701H)	IP66, IK10	IK10 (With SHP-3701H)	IP66, IK10	IK10 (With SHP-3701H)	IP66
	Operating Temperature	-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)	-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)	-10°C ~ +55°C (+14°F ~ +131°F)
	Power	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, 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)	AC 24V, PoE+ (Max. 20.0W)	Max. 15.0W, 45.0W - Heater on
	Dimensions (WxHxD) / Weight	Ø152.0 x 218.0mm (Ø5.98" x 8.58") 1.8Kg (3.97lb)	Ø223.4 x 293.6mm (Ø8.8" x 11.56") 3.2Kg (7.05lb)	Ø152.0 x 218.0mm (Ø5.98" x 8.58") 1.8Kg (3.97lb)	Ø223.4 x 293.6mm (Ø8.8" x 11.56") 3.3Kg (7.28lb)	Ø152.0 x 218.0mm (Ø5.98" x 8.58") 2.2Kg (4.85lb)	Ø223.4 x 293.6mm (Ø8.8" x 11.56") 3.4Kg (7.5lb)	Ø152.0 x 218.0mm (Ø5.98" x 8.58") 2.2Kg (4.85lb)	Ø200.0 x 203.0mm (Ø7.87" x 7.99") 2.4Kg (5.29lb)
	Additional Features	RS-485, Defog	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, Defog	-

* Min. Illumination (50 IRE)



SNP-3120



WiseNet III Plus
SNP-6320RH



WiseNet III Plus
SNP-6230RH

New

	Resolution	4CIF	2MP	2MP
VIDEO	Imaging Device	1/4" Ex-view HAD PS CCD	1/2.8" 2.38M CMOS	1/2.8" 2.38M CMOS
	Video Compression Format	H.264, MPEG-4, MJPEG	H.264, MJPEG	H.264, MJPEG
	Resolution / Max. Frame Rate	4CIF / 30(25)fps	2M / 60fps	2M / 60fps
	Streaming Capacity	Multiple (Up to 10 profiles)	Multiple (Up to 10 profiles)	Multiple (Up to 10 profiles)
	Max. User Access	10 (Unicast)	15 (Unicast)	15 (Unicast)
	Min. Illumination (30 IRE)	* Color : 0.7Lux B/W : 0.07Lux	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
	Lens	3.69 ~ 44.32mm (Optical 12x) F1.6(Wide) / F2.0(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)
	Angular Field of View	H : 54.44°(Wide) ~ 4.62°(Tele) / V : 42.32°(Wide) ~ 3.58°(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)
	Focus Control	AF / One-shot AF / Manual	AF / One-shot AF / Manual	AF / One-shot AF / Manual
OPERATIONAL	IR Viewable Length	-	150m (492.13ft)	100m (328.08ft)
	Pan / Tilt / Rotate	360° Endless / 190° (-15° ~ 185°) / -	360° Endless / 190° (-5° ~ 185°) / -	360° Endless / 190° (-5° ~ 185°) / -
	Day & Night	True (ICR)	True (ICR)	True (ICR)
	Backlight Compensation	WDR (52dB / 54dB)	WDR (120dB)	WDR (120dB)
	Digital Noise Reduction	Motion adaptive 2D+3D noise filter	SSNR III (2D+3D noise filter)	SSNR (2D+3D noise filter)
	Digital Image Stabilization	Support	Support	Support
	Intelligent Video Analytics	Moved / Fixed	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	ONVIF profile S, SVNP, SUNAPI, Open platform	ONVIF profile S, SVNP, SUNAPI, Open platform
	Alarm I/O	2 / 2 (Relay)	4 / 3 (Relay)	4 / 3 (Relay)
	Audio	Bi-directional	Bi-directional	Bi-directional
	Edge Storage	SD/SDHC	SD/SDHC/SDXC, NAS, Local PC	SD/SDHC/SDXC, NAS, Local PC
	Environment Protection	-	IP66, IK10	IP66, IK10
	Operating Temperature	-10°C ~ +55°C (+14°F ~ +131°F)	-50°C ~ +55°C (-58°F ~ +131°F)	-50°C ~ +55°C (-58°F ~ +131°F)
	Power	Max. 15.0W	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	Ø174.0 x 168.0mm (Ø6.85" x 6.61") 1.2Kg (2.65 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	-	Auto tracking, RS-485/422, Defog	Auto tracking, RS-485/422, Defog

* Min. Illumination (50 IRE)

Night Tracker! Making the invisible to visible



2MP 32x IR PTZ SNP-6320RH

- 2MP 60fps, 32x optical zoom
- 150m (500ft) IR distance with 2ea IR LED
- 120dB WDR, Day & Night
- Auto tracking



NETWORK

NVR



SRN-4000

SRN-1000

SRN-1673S

SRN-873S

OS	Linux	Linux	Linux	Linux
Supported Compression	H.264, MPEG-4, MJPEG	H.264, MPEG-4, MJPEG	H.264, MJPEG	H.264, MJPEG
Max. Recording Bit Rate	400Mbps	100Mbps	80Mbps	64Mbps
Max # of Cameras	64	64	16	8
Internal Storage	Up to 12 SATA	Up to 8 SATA	Up to 4 SATA	Up to 2 SATA
External Storage	iSCSI	2 e-SATA, iSCSI	1 e-SATA	1 e-SATA
RAID	RAID 5/6	RAID 5	-	-
Hot Swap	Yes	-	-	-
Isolated Networks for Cameras / Source	Yes	Yes	Yes	Yes
Network Viewer Software	SSM, SmartViewer, iPOLiS mobile	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	Samsung, ONVIF
Features	- Redundant hot swap power supply - Built-in intelligent video analysis (Heatmap, Object classification) - Webviewer supported	- Webviewer supported - iSCSI storage supported	- Plug & play by 16 PoE / PoE+ ports - Webviewer supported - HDD removable (Easy install)	- Plug & play by 8 PoE / PoE+ ports - Webviewer supported



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	- Plug & play by 4 PoE / PoE+ ports - Webviewer supported	- Plug & play by 4 PoE ports - Webviewer supported	- Plug & play by 8 PoE ports - GPS supported - Standards approval for transportation (EN50155, EN61373)



SRN-1673S/873S/473S

Real-time storage of all channels

- Max. 2MP 16CH realtime recording (Max. 80Mbps recording)

Easy install & enhanced user convenience

- Replaceable HDD 4ea, e-SATA support (SRN-1673S)
- PoE/PoE+ support for all channels
- Installation wizard function with easy setup without PC

Meet retail vertical needs and enhanced system scalability

- Compact design
- POS integration
- Compatible with PoE extender (SPO-100), Controller (SPC-2000), PoE switch



Encoder / Decoder / Encoder Rack



SPE-400



SPE-101

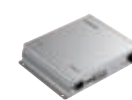


SPE-100



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



SPD-400

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



SPE-1600R

# 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	• Superior system compatibility • 3D joystick control • Quick and easy installation • SSM support	• 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



Samsung Security Manager (SSM)

- SSM Professional
- SSM Enterprise
- SSM Recording Server
- SSM Virtual Matrix
- SSM Screen Capture
- SSM Mobile

Software



SSM (Samsung Security Manager)



SSM-RS10L/20L/30L



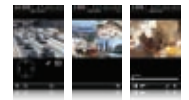
SSM-VM10L/20L



SSM mobile



SmartViewer



iPOLiS mobile

	SSM (Samsung Security Manager)	SSM-RS10L/20L/30L	SSM-VM10L/20L	SSM mobile	SmartViewer	iPOLiS mobile
Features	Central Management Software • Multi-site / Multi-client monitoring • One-stop Live / Map monitoring • Efficient Alarm / Event monitoring • Smart search and Back up • Remote monitoring via mobile device • Easy & convenient configuration • SSM-RS, VM series integration	SSM Recording Server Software • SSM-RS10L : Up to 36CH recording • SSM-RS20L : Up to 72CH recording • SSM-RS30L : Up to 128CH recording • Deliver high performance recording (Up to 400Mbps) • Support various recording options • Multiple disk allocation and distribution for stable recording	Video Wall Monitor Management Software • SSM-VM10L : Up to 16monitors display control • SSM-VM20L : Up to 36monitors display control • Run on standard PCs and displays • Live monitoring / Sequence mode • Event-driven virtual salvo switching • Easy set & control through VM manager, SSM console	SSM Mobile viewer for Android / iOS • Local / remote connection to SSM (Samsung Security Manager) • View layout / device list by user • View live streaming video with PTZ control • Supported format : H.264/MJPEG • Calendar search / playback / bookmark functions	Easy Central Management Software • Up to 36 videos monitoring from the connected devices • Support for full screen mode • Support for sequence function (Automatic screen transition) • Favorite view & sequence of favorites • Up to 16 videos simultaneous playback simultaneously	Mobile viewer for Android / iOS • View live streaming video with PTZ control from the connected devices • Supported format : H.264/MJPEG • Video image flip / mirror, Video image capture • Calendar search / playback / bookmark functions for DVRs / NVRs

ANALOG

Box



**BEYOND
SCB-5005**



**BEYOND
SCB-5003**



**BEYOND
SCB-5000**



**A1
SCB-4000**

		1000TVL	1000TVL	1000TVL	600TVL
VIDEO	TV Lines	1000TVL	1000TVL	1000TVL	600TVL
	Imaging Device	1/3" 1.3M CMOS	1/3" 1.3M CMOS	1/3" 1.3M CMOS	1/2" Ex-view HAD CCD
	Horizontal Resolution	Color : 1000TV lines	Color : 1000TV lines	Color : 1000TV lines	Color : 600TV lines
	Min. Illumination (50 IRE)	※ Color : 0.01Lux B/W : 0.001Lux	※ Color : 0.01Lux B/W : 0.001Lux	※ Color : 0.01Lux	Color : 0.1Lux B/W : 0.01Lux
	Lens	-	-	-	-
	IR Viewable Length	-	-	-	-
	Angular Field of View	-	-	-	-
OPERATIONAL	Pan / Tilt / Rotate	-	-	-	-
	Day & Night	True (ICR)	True (ICR)	Electrical	True (ICR)
	Backlight Compensation	WDR (120dB)	WDR (120dB)	BLC / HLC	Support
	Digital Noise Reduction	SSNRIV	SSNRIV	SSNRIV	Adaptive 3D+2D
	Motion Detection	Support	Support	Support	Support
	Privacy Masking	24 zones (4 points polygonal masking)	24 zones (4 points polygonal masking)	24 zones (4 points polygonal masking)	12 zones (Polygonal masking)
	Intelligent Video Analytics	Fence, (Dis)Appear, Counting	Fence, (Dis)Appear, Counting	-	Fixed / Moved, Fence
FEATURES	Alarm I/O	0 / 1	0 / 1	-	0 / 1
	Communication	Coax : Pelco-C (Coaxitron), RS-485	Coax : Pelco-C (Coaxitron), RS-485	Coax : Pelco-C (Coaxitron)	Coax : CCVC, RS-485
	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)
	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)	N/P : AC 24V & DC 12V (Max. 3.0W) PH : AC 230V (Max. 4.1W)
	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)	N/P : 64.0 x 58.0 x 100.0mm (2.52" x 2.28" x 3.94") 305g (0.67 lb) PH : 64.0 x 58.0 x 129.2mm (2.52" x 2.28" x 5.09") 395g (0.87 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

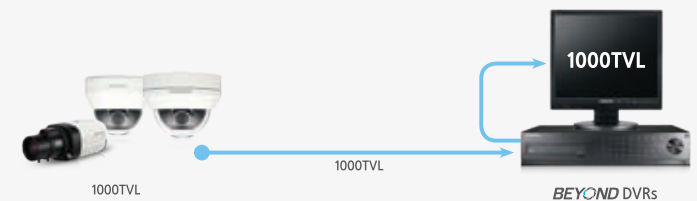
※ Min. Illumination (30 IRE)



BEYOND series
Beyond Your Expectation

BEYOND series 1000TVL cameras used with
our 1280H DVRs deliver a complete 1280H solution.

- 1000TVL High Resolution, 120dB WDR, 0.03Lux@F1.2(Color)
- SDDR, SSNR4, Defog, Coaxial communication



ANALOG

Box / Zoom Box



SVV
SCB-3003



SCB-1001



A1
SCB-3020



A1
SCZ-3430



WV
SCZ-2370



SVV
SCZ-2373



SVV
SCZ-2273



A1
SCZ-2250

	TV Lines	700TVL	600TVL	600TVL	600TVL	600TVL	680TVL	680TVL	600TVL
VIDEO	Imaging Device	1/3" Super HAD CCD II (Double scan)	1/3" Super HAD CCD II	1/3" Super HAD CCD (Double scan)	1/4" Ex-view HAD CCD (Double scan)	1/4" Super HAD CCD II	1/4" Sony 960H Ex-view HAD CCD II	1/4" Sony 960H Ex-view HAD CCD II	1/4" Super HAD CCD II
	Horizontal Resolution	Color : 700TV lines	Color : 600TV lines	Color : 600TV lines	Color : 600TV lines	Color : 600TV lines	Color : 680TV lines	Color : 680TV lines	Color : 600TV lines
	Min. Illumination (50 IRE)	Color : 0.1Lux B/W : 0.01Lux	Color : 0.1Lux	Color : 0.45Lux	Color : 0.7Lux B/W : 0.07Lux	Color : 0.2Lux B/W : 0.02Lux	Color : 0.2Lux B/W : 0.01Lux	Color : 0.2Lux B/W : 0.01Lux	Color : 0.2Lux B/W : 0.02Lux
	Lens	-	-	3.7mm fixed (F2.0)	3.2 ~ 138.5mm (Optical 43x) F1.65(Wide) / F3.7(Tele)	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) / F2.8(Tele)	3.66 ~ 91.36mm (Optical 25x) F1.65(Wide) / F3.0(Tele)
	IR Viewable Length	-	-	-	-	-	-	-	-
	Angular Field of View	-	-	H : 64.65° / V : 48.49° / D : 80.81°	H : 61.22° (Wide) ~ 1.47° (Tele) / V : 47.16° (Wide) ~ 1.1° (Tele)	H : 55.5° (Wide) ~ 1.59° (Tele) / V : 42.5° (Wide) ~ 1.19° (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 : 54.95° (Wide) ~ 2.24° (Tele) / V : 41.83° (Wide) ~ 1.68° (Tele)
	Pan / Tilt / Rotate	-	-	-	-	-	-	-	-
OPERATIONAL	Day & Night	True (ICR)	Electrical	Electrical	True (ICR)	True (ICR)	True (ICR)	True (ICR)	True (ICR)
	Backlight Compensation	WDR (52dB / 54dB)	BLC / HLC	WDR (52dB / 54dB)	WDR (52dB / 54dB)	BLC / HLC	BLC / HLC	BLC / HLC	Support
	Digital Noise Reduction	SSNR III	2D DNR	Adaptive 3D+2D	Adaptive 3D+2D	SSNR III	SSNR III	SSNR III	Adaptive 3D+2D
	Motion Detection	Support	-	Support	Support	Support	Support	Support	Support
	Privacy Masking	12 zones (Polygonal masking)	4 zones	12 zones (Polygonal masking)	12 zones (Polygonal masking)	12 zones	12 zones	12 zones	12 zones (Polygonal masking)
	Intelligent Video Analytics	Fixed / Moved, Fence, Tracking, Counting	-	Fixed / Moved, Fence	Fixed / Moved	-	-	-	Fixed / Moved
FEATURES	Alarm I/O	0 / 1	-	0 / 1	0 / 1	-	-	-	0 / 1
	Communication	Coax : Pelco-C (Coaxitron), RS-485	Coax : Pelco-C (Coaxitron)	Coax : CCVC	Coax : CCVC, RS-485	Coax : Pelco-C (Coaxitron), RS-485	Coax : Pelco-C (Coaxitron), RS-485	Coax : Pelco-C (Coaxitron), RS-485	Coax : CCVC, RS-485
	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	AC 24V & DC 12V (Max. 4.0W)	P : AC 24V & DC 12V (Max. 2.3W), PD : DC 12V (Max. 1.2W)	DC 12V (Max. 2.0W)	N/P : AC 24V & DC 12V (Max. 5.6W), ND/PD : DC 12V (Max. 4.2W)	N/P : AC 24V & DC 12V, ND/PD : DC 12V (Max. 4.8W)	AC 24V & DC 12V (Max. 5.8W)	AC 24V & DC 12V (Max. 5.8W)	N/P : AC 24V & DC 12V (Max. 5.2W), ND/PD : DC 12V (Max. 4.5W)
	Dimensions (WxHxD) / Weight	73.1 x 67.2 x 123.9mm (2.88" x 2.65" x 4.88") 285g (0.63 lb)	70.0 x 47.3 x 99.7mm (2.76" x 1.86" x 3.93") P : 120g (0.26 lb) PD : 100g (0.22 lb)	50.2 x 53.3 x 40.2mm (1.98" x 2.1" x 1.58") 105g (0.23 lb)	N/P : 59.0 x 59.0 x 144.2mm (2.32" x 2.32" x 5.68") 564g (1.24 lb) ND/PD : 59.0 x 59.0 x 113.9mm (2.32" x 2.32" x 4.48") 421g (0.93 lb)	N/P : 67.6 x 67.6 x 144.3mm (2.66" x 2.66" x 5.68") 520g (1.15 lb) ND/PD : 67.6 x 67.6 x 122.3mm (2.66" x 2.66" x 4.81") 415g (0.91 lb)	67.6 x 67.6 x 144.3mm (2.66" x 2.66" x 5.68") 540g (1.19 lb)	67.6 x 67.6 x 144.3mm (2.66" x 2.66" x 5.68") 540g (1.19 lb)	N/P : 59.0 x 59.0 x 144.2mm (2.32" x 2.32" x 5.68") 564g (1.24 lb) ND/PD : 59.0 x 59.0 x 113.9mm (2.32" x 2.32" x 4.48") 421g (0.93 lb)
	Additional Features	Simple focus, Digital image stabilization	Defog	Digital image stabilization	Digital image stabilization	Digital image stabilization	Digital image stabilization	Digital image stabilization	Digital image stabilization

ANALOG

IR Bullet / Dome



BEYOND
SCO-5083R



WVI
SCO-2081R



WV
SCO-2080R



WV
SCO-2120R



SCO-2040R



SCO-1020R



BEYOND
SCD-5083



BEYOND
SCD-5082

	TV Lines	1000TVL	700TVL	600TVL	600TVL	650TVL	520TVL	1000TVL	1000TVL
VIDEO	Imaging Device	1/3" 1.3M CMOS	1/3" Super HAD CCD II	1/3" Super HAD CCD II	1/4" Super HAD CCD II	1/3" CMOS	1/4" CMOS	1/3" 1.3M CMOS	1/3" 1.3M CMOS
	Horizontal Resolution	Color : 1000TV lines	Color : 700TV lines	Color : 600TV lines	Color : 600TV lines	Color : 650TV lines	Color : 520TV lines	Color : 1000TV lines	Color : 1000TV lines
	Min. Illumination (50 IRE)	※ Color : 0.02Lux B/W : 0Lux (IR LED on)	Color : 0.15Lux B/W : 0Lux (IR LED on)	Color : 0.15Lux B/W : 0Lux (IR LED on)	Color : 0.2Lux B/W : 0Lux (IR LED on)	0Lux (IR LED on)	0Lux (IR LED on)	※ Color : 0.01Lux B/W : 0.001Lux	※ Color : 0.02Lux B/W : 0.002Lux
	Lens	3 ~ 10mm (3.3x) V/F (F1.4)	2.8 ~ 10mm (3.6x) V/F (F1.2)	2.8 ~ 10mm (3.6x) V/F (F1.2)	3.94 ~ 46.05mm (Optical 12x) F1.67(Wide) / F1.88(Tele)	8mm fixed (F2.0)	3.6mm fixed (F2.0)	2.8 ~ 10.5mm (3.8x) V/F (F1.2)	3 ~ 10mm (3.3x) V/F (F1.4)
	IR Viewable Length	50m (164.04ft)	50m (164.04ft)	50m (164.04ft)	70m (229.66ft)	25m (82.02ft)	15m (49.21ft)	-	-
	Angular Field of View	H : 82.0°(Wide) ~ 26.5°(Tele) V : 59.7°(Wide) ~ 19.9°(Tele)	H : 94.4°(Wide) ~ 28°(Tele) / V : 69.2°(Wide) ~ 21°(Tele)	H : 94.4°(Wide) ~ 28°(Tele) / V : 69.2°(Wide) ~ 21°(Tele)	H : 51.54°(Wide) ~ 4.5°(Tele) / V : 39.24°(Wide) ~ 3.38°(Tele)	H : 38.5° / V : 32.6° / D : 45°	H : 38.5° / V : 32.6° / D : 45°	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)
	Pan / Tilt / Rotate	-	-	-	-	-	-	0° ~ 354° / 0° ~ 68° / 0° ~ 355°	0° ~ 354° / 0° ~ 68° / 0° ~ 355°
OPERATIONAL	Day & Night	True (ICR)	True (ICR)	True (ICR)	True (ICR)	Auto	Auto	True (ICR)	True (ICR)
	Backlight Compensation	WDR (120dB)	BLC / HLC	BLC / HLC	BLC / HLC	-	-	WDR (120dB)	BLC / HLC
	Digital Noise Reduction	SSNRIV	SSNRIII	SSNRIII	SSNRIII	Auto	Auto	SSNRIV	SSNRIV
	Motion Detection	Support	Support	Support	Support	-	-	Support	Support
	Privacy Masking	24 zones (4 points polygonal masking)	8 zones	12 zones	12 zones	-	-	24 zones (4 points polygonal masking)	24 zones (4 points polygonal masking)
	Intelligent Video Analytics	Fence, (Dis)Appear, Counting	-	-	-	-	-	Fence, (Dis)Appear, Counting	-
FEATURES	Alarm I/O	0 / 1	0 / 1	-	-	-	-	0 / 1	-
	Communication	Coax : Pelco-C (Coaxitron), RS-485	Coax : Pelco-C (Coaxitron), RS-485	Coax : Pelco-C (Coaxitron), RS-485	Coax : Pelco-C (Coaxitron), RS-485	-	-	Coax : Pelco-C (Coaxitron)	Coax : Pelco-C (Coaxitron)
	Environment Protection	IP66, IK10	IP66	IP66	IP66	IP66	IP66	-	-
	Operating Temperature	-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)	-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. 9.5W)	AC 24V & DC 12V (Max. 7.2W)	AC 24V & DC 12V (Max. 6.8W, 6.5W - IR LED on)	AC 24V & DC 12V (Max. 6.8W, 6.5W - IR LED on)	DC 12V (Max. 3.0W)	DC 12V (Max. 2.6W - IR LED on)	AC 24V & DC 12V (Max. 5.6W)	AC 24V & DC 12V (Max. 5.6W)
	Dimensions (WxHxD) / Weight	Ø78.0 x 272.8mm (3.07" x 10.74") (Without sun shield) 1.5Kg (3.31lb)	77.1 x 82.4 x 280.2mm (3.04" x 3.24" x 11.03") 500g (1.1lb)	86.0 x 86.3 x 314.8mm (3.39" x 3.40" x 12.39") 1Kg (2.2lb)	86.0 x 86.3 x 314.8mm (3.39" x 3.40" x 12.39") 1.2Kg (2.65lb)	69.0 x 63.0 x 182.5mm (2.72" x 2.48" x 7.19") 245g (0.54lb)	65.5 x 65.5 x 94.6 mm (2.58" x 2.58" x 3.72") 325g (0.72lb)	Ø119.8 x 101.8mm (Ø4.72" x 4.01") 535g (1.18lb)	Ø119.8 x 98.8mm (Ø4.72" x 3.89") 420g (0.93lb)
	Additional Features	Digital image stabilization, Defog, Tampering	Digital image stabilization, Defog	Digital image stabilization	Digital image stabilization	-	-	Digital image stabilization, Defog, Tampering	Digital image stabilization, Defog, Tampering

※ Min. Illumination (30 IRE)

ANALOG

IR Bullet / Dome



BEYOND
SCD-5080



BEYOND
SCD-5030



BEYOND
SCD-5020



SVV
SCD-3083



WV
SCD-2080



WV
SCD-2022



WV
SCD-2020



WV
SCD-2010

		BEYOND SCD-5080	BEYOND SCD-5030	BEYOND SCD-5020	SVV SCD-3083	WV SCD-2080	WV SCD-2022	WV SCD-2020	WV SCD-2010
TV Lines		1000TVL	1000TVL	1000TVL	700TVL	600TVL	700TVL	600TVL	600TVL
VIDEO	Imaging Device	1/3" 1.3M CMOS	1/3" 1.3M CMOS	1/3" 1.3M CMOS	1/3" Super HAD CCD II (Double scan)	1/3" Super HAD CCD II	1/3" Super HAD CCD II	1/3" Super HAD CCD II	1/3" Super HAD CCD II
	Horizontal Resolution	Color : 1000TV lines	Color : 1000TV lines	Color : 1000TV lines	Color : 700TV lines	Color : 600TV lines	Color : 700TV lines	Color : 600TV lines	Color : 600TV lines
	Min. Illumination (50 IRE)	* Color : 0.02Lux	* Color : 0.05Lux	* Color : 0.05Lux	Color : 0.1Lux B/W : 0.01Lux	Color : 0.15Lux B/W : 0.01Lux	Color : 0.15Lux	Color : 0.15Lux	Color : 0.04Lux
	Lens	3 ~ 10mm (3.3x) V/F (F1.4)	6mm fixed (F1.8)	3.6mm fixed (F1.8)	3 ~ 8.5mm (2.8x) Motorized V/F (F1.2)	2.8 ~ 10mm (3.6x) V/F (F1.2)	3.8mm fixed (F2.0)	3.7mm fixed (F2.0)	3mm fixed (F2.0)
	IR Viewable Length	-	-	-	-	-	-	-	-
	Angular Field of View	H : 82.0° (Wide) ~ 26.5° (Tele) / V : 59.7° (Wide) ~ 19.9° (Tele)	H : 46.5° / V : 34.5° / D : 59.3°	H : 78° / V : 62.5° / D : 100°	H : 105.5° (Wide) ~ 37.1° (Tele) / V : 57.5° (Wide) ~ 21° (Tele)	H : 94.4° (Wide) ~ 28° (Tele) / V : 69.2° (Wide) ~ 21° (Tele)	H : 78° / V : 59°	H : 71° / V : 52°	H : 95° / V : 75° / D : 120°
	Pan / Tilt / Rotate	0° ~ 354° / 0° ~ 68° / 0° ~ 355°	0° ~ 352° / 0° ~ 75° / 0° ~ 348°	0° ~ 352° / 0° ~ 75° / 0° ~ 348°	0° ~ 352° / 0° ~ 73° / 0° ~ 348°	0° ~ 352° / 0° ~ 73° / 0° ~ 348°	0° ~ 352° / 0° ~ 75° / 0° ~ 348°	0° ~ 352° / 0° ~ 75° / 0° ~ 348°	0° ~ 352° / 0° ~ 75° / -
OPERATIONAL	Day & Night	Electrical	Electrical	Electrical	True (ICR)	True (ICR)	Electrical	Electrical	Electrical
	Backlight Compensation	BLC / HLC	BLC / HLC	BLC / HLC	WDR (52dB / 54dB)	BLC / HLC	BLC / HLC	BLC / HLC	BLC / HLC
	Digital Noise Reduction	SSNRIV	SSNRIV	SSNRIV	SSNRIII	SSNRIII	SSNRIII	SSNRIII	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)	24 zones (4 points polygonal masking)	12 zones	12 zones	8 zones	12 zones	12 zones
	Intelligent Video Analytics	-	-	-	Fixed / Moved, Area, Fence, Tracking, Detection, Counting	-	-	-	-
	Alarm I/O	-	-	-	0 / 1	-	-	-	-
FEATURES	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)	Coax : Pelco-C (Coaxitron)
	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	AC 24V & DC 12V (Max. 3.5W)	DC 12V (Max. 2.8W)	DC 12V (Max. 2.8W)	AC 24V & DC 12V (Max. 4.2W)	AC 24V & DC 12V (Max. 3.5W)	DC 12V (Max. 1.2W)	DC 12V (Max. 3.5W)	DC 12V (Max. 1.8W)
	Dimensions (WxHxD) / Weight	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)	Ø107.6 x 84.0mm (Ø4.24" x 3.31") 394g (0.87 lb)	Ø115.8 x 92.7mm (Ø4.56" x 3.65") 363g (0.8 lb)	Ø115.8 x 92.7mm (Ø4.56" x 3.65") 345g (0.76 lb)	Ø107.6 x 83.7mm (Ø4.24" x 3.3") 233g (0.51 lb)	Ø107.6 x 83.7mm (Ø4.24" x 3.3") 285g (0.63 lb)	Ø104.0 x 67.0mm (Ø4.09" x 2.64") 180g (0.4 lb)
	Additional Features	Digital image stabilization, Defog, Tampering	Digital image stabilization, Defog, Tampering	Digital image stabilization, Defog, Tampering	Simple focus, Digital image stabilization	Digital image stabilization	Defog	Digital image stabilization	Digital image stabilization

* Min. Illumination (30 IRE)

ANALOG

Dome / IR Dome



WV
SCD-2010F



SCD-1080



BEYOND
SCD-5083R



SCD-2021R



WV
SCD-2042R



WV
SCD-2022R



WV
SCD-2020R



SCD-1020R

	TV Lines	600TVL	600TVL	1000TVL	650TVL	700TVL	700TVL	600TVL	520TVL
VIDEO	Imaging Device	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" Super HAD CCD II	1/3" Super HAD CCD II	1/4" CMOS
	Horizontal Resolution	Color : 600TV lines	Color : 600TV lines	Color : 1000TV lines	Color : 650TV lines	Color : 700TV lines	Color : 700TV lines	Color : 600TV lines	Color : 520TV lines
	Min. Illumination (50 IRE)	Color : 0.04Lux	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 : 0.15Lux B/W : 0Lux (IR LED on)	Color : 0.15Lux B/W : 0Lux (IR LED on)	0Lux (IR LED on)
	Lens	3mm 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)	8mm fixed (F2.0)	3.8mm fixed (F2.0)	3.6mm fixed (F2.0)	3.6mm fixed (F2.0)
	IR Viewable Length	-	-	30m (98.43ft)	20m (65.62ft)	7m (22.97ft)	7m (22.97ft)	7m (22.97ft)	10m (32.81ft)
	Angular Field of View	H : 89.5° / V : 67.2°	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 : 34° / V : 26°	H : 78° / V : 59°	H : 66° / V : 49°	H : 56° / V : 42°
	Pan / Tilt / Rotate	±10° / 0° ~ 75° / -	0° ~ 350° / 0° ~ 90° / 0° ~ 355°	0° ~ 354° / 0° ~ 68° / 0° ~ 355°	-	0° ~ 352° / 0° ~ 75° / -	0° ~ 352° / 0° ~ 75° / -	0° ~ 352° / 0° ~ 75° / -	0° ~ 355° / 0° ~ 60° / -
OPERATIONAL	Day & Night	Electrical	Electrical	True (ICR)	Auto	True (ICR)	True (ICR)	True (ICR)	Auto
	Backlight Compensation	BLC / HLC	BLC / HLC	WDR (120dB)	-	BLC / HLC	BLC / HLC	BLC / HLC	-
	Digital Noise Reduction	SSNRIII	2D DNR	SSNRIV	Auto	SSNRIII	SSNRIII	SSNRIII	Auto
	Motion Detection	Support	-	Support	-	Support	Support	Support	-
	Privacy Masking	12 zones	4 zones	24 zones (4 points polygonal masking)	-	8 zones	8 zones	12 zones	-
	Intelligent Video Analytics	-	-	Fence, (Dis)Appear, Counting	-	-	-	-	-
FEATURES	Alarm I/O	-	-	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)	-
	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	DC 12V (Max. 1.8W)	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)	DC 12V (Max. 3.6W)	DC 12V (Max. 2.5W)	DC 12V (Max. 2.2W)
	Dimensions (WxHxD) / Weight	115.3 x 100.5 x 41.9mm (4.54" x 3.96" x 1.65") 140g (0.31 lb)	Ø128.0 x 91.0mm (Ø5.04" x 3.58") P : 460g (1.01 lb) PD : 345g (0.76 lb)	Ø119.8 x 101.8mm (Ø4.72" x 4.01") 550g (1.21 lb)	Ø93.0 x 78.0mm (Ø3.66" x 3.07") 278g (0.61 lb)	Ø107.6 x 83.7mm (Ø4.24" x 3.3") 240g (0.53 lb)	Ø107.6 x 83.7mm (Ø4.24" x 3.3") 240g (0.53 lb)	Ø107.6 x 83.7mm (Ø4.24" x 3.3") 280g (0.62 lb)	Ø102.0 x 71.7mm (Ø4.02" x 2.82") 180g (0.40 lb)
	Additional Features	Digital image stabilization	-	Digital image stabilization, Defog, Tampering	-	Defog	Defog	Digital image stabilization	-

※ Min. Illumination (30 IRE)

ANALOG

Vandal-Resistant / IR Vandal-Resistant / PTZ



BEYOND
SCV-5085



BEYOND
SCV-5083



BEYOND
SCV-5082



SVV
SCV-3083



WV
SCV-2080



BEYOND
SCV-5083R



A1
SCP-3430H



SVV
SCP-3371

		BEYOND SCV-5085	BEYOND SCV-5083	BEYOND SCV-5082	SVV SCV-3083	WV SCV-2080	BEYOND SCV-5083R	A1 SCP-3430H	SVV SCP-3371
TV Lines		1000TVL	1000TVL	1000TVL	700TVL	600TVL	1000TVL	600TVL	600TVL
VIDEO	Imaging Device	1/3" 1.3M CMOS	1/3" 1.3M CMOS	1/3" 1.3M CMOS	1/3" Super HAD CCD II (Double scan)	1/3" Super HAD CCD II	1/3" 1.3M CMOS	1/4" Ex-view HAD CCD (Double scan)	1/4" Ex-view HAD CCD (Double scan)
	Horizontal Resolution	Color : 1000TV lines	Color : 1000TV lines	Color : 1000TV lines	Color : 700TV lines	Color : 600TV lines	Color : 1000TV lines	Color : 600TV lines	Color : 600TV lines
	Min. Illumination (50 IRE)	※ Color : 0.01Lux B/W : 0.001Lux	※ Color : 0.01Lux B/W : 0.001Lux	※ Color : 0.02Lux B/W : 0.002Lux	Color : 0.1Lux B/W : 0.01Lux	Color : 0.15Lux B/W : 0.001Lux	※ Color : 0.02Lux B/W : 0Lux (IR LED on)	Color : 0.7Lux B/W : 0.07Lux	Color : 0.7Lux B/W : 0.07Lux
	Lens	3 ~ 8.5mm (2.8x) Motorized V/F (F1.2)	2.8 ~ 10.5mm (3.8x) V/F (F1.2)	3 ~ 10mm (3.3x) V/F (F1.4)	3 ~ 8.5mm (2.8x) Motorized V/F (F1.2)	2.8 ~ 10mm (3.6x) V/F (F1.2)	3 ~ 10mm (3.3x) V/F (F1.4)	3.2 ~ 138.5mm (Optical 43x) F1.65(Wide) / F3.7(Tele)	3.5 ~ 129.5mm (Optical 37x) F1.6(Wide) / F3.9(Tele)
	IR Viewable Length	-	-	-	-	-	30m (98.43ft)	-	-
	Angular Field of View	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)	H : 82.0° (Wide) ~ 26.5° (Tele) / V : 59.7° (Wide) ~ 19.9° (Tele)	H : 105.5° (Wide) ~ 37.1° (Tele) / V : 57.5° (Wide) ~ 21° (Tele)	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 : 61.22° (Wide) ~ 1.47° (Tele) / V : 47.16° (Wide) ~ 1.1° (Tele)	H : 55.5° (Wide) ~ 1.59° (Tele) / V : 42.5° (Wide) ~ 1.19° (Tele)
	Pan / Tilt / Rotate	0° ~ 354° / 0° ~ 68° / 0° ~ 355°	0° ~ 354° / 0° ~ 68° / 0° ~ 355°	0° ~ 354° / 0° ~ 68° / 0° ~ 355°	0° ~ 352° / 0° ~ 73° / 0° ~ 348°	0° ~ 355° / 0° ~ 90° / 0° ~ 355°	0° ~ 354° / 0° ~ 68° / 0° ~ 355°	360° Endless / -6° ~ 186° / -	360° Endless / -5° ~ 185° / -
OPERATIONAL	Day & Night	True (ICR)	True (ICR)	True (ICR)	True (ICR)	True (ICR)	True (ICR)	True (ICR)	True (ICR)
	Backlight Compensation	WDR (120dB)	WDR (120dB)	BLC / HLC	WDR (52dB / 54dB)	BLC / HLC	WDR (120dB)	WDR (52dB / 54dB)	WDR (52dB / 54dB)
	Digital Noise Reduction	SSNRIV	SSNRIV	SSNRIV	SSNRIII	SSNRIII	SSNRIV	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)	24 zones (4 points polygonal masking)	12 zones	12 zones	24 zones (4 points polygonal masking)	12 zones (Polygonal masking)	8 zones
	Intelligent Video Analytics	Fence, (Dis)Appear, Counting	Fence, (Dis)Appear, Counting	-	Fixed / Moved, Area, Fence, Tracking, Detection, Counting	-	Fence, (Dis)Appear, Counting	Fixed / Moved	Fixed / Moved, Detection, Tracking
	Alarm I/O	0 / 1	0 / 1	-	0 / 1	-	0 / 1	8 / 3	8 / 3
FEATURES	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 : CCVC, RS-485/422	Coax : Pelco-C (Coaxitron), RS-485/422
	Environment Protection	IP66, IK10	IP66, IK10	IP66, IK10	IP66	IP66, IK10	IP66, IK10	IP66, IK10	IK10 (With SHP-3701H)
	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)	-30°C ~ +55°C (-22°F ~ +131°F) *Start up above -10°C (+14°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-50°C ~ +55°C (-58°F ~ +131°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)
	Power	AC 24V & DC 12V (Max. 5.0W)	AC 24V & DC 12V (Max. 5.6W)	AC 24V & DC 12V (Max. 5.6W)	AC 24V & DC 12V (Max. 4.2W)	AC 24V & DC 12V (Max. 4.0W, 8.3W - Fan & heater on)	AC 24V & DC 12V (Max. 6.0W)	AC 24V (Max. 16.3W, 47.0W - Fan & heater on)	AC 24V (Max. 15.0W)
	Dimensions (WxHxD) / Weight	Ø137.0 x 106.1mm (Ø5.39" x 4.18") 772g (1.7 lb)	Ø137.0 x 106.1mm (Ø5.39" x 4.18") 720g (1.59 lb)	Ø137.0 x 106.1mm (Ø5.39" x 4.18") 730g (1.61 lb)	Ø137.0 x 106.0mm (Ø5.39" x 4.17") 749g (1.65 lb)	Ø160.0 x 134.5mm (Ø6.3" x 5.3") 1.26Kg (2.78 lb)	Ø137.0 x 106.1mm (Ø5.39" x 4.18") 750g (1.65 lb)	Ø228.0 x 256.0mm (Ø8.98" x 10.08") 5.6Kg (12.35 lb)	Ø152.0 x 218.0mm (Ø5.98" x 8.58") 1.6Kg (3.53 lb)
	Additional Features	Digital image stabilization, Defog, Tampering	Digital image stabilization, Defog, Tampering	Digital image stabilization, Defog, Tampering	Simple focus, Digital image stabilization	Digital image stabilization	Digital image stabilization, Defog, Tampering	Digital image stabilization	Digital image stabilization

※ Min. Illumination (30 IRE)

ANALOG

PTZ / IR PTZ



SVV
SCP-2373H



SVV
SCP-2373



SVV
SCP-2273H



SVV
SCP-2273



A1
SCP-3120



A1
SCP-3120VH



WV
SCP-2120



WV
SCP-2370RH

		SVV SCP-2373H	SVV SCP-2373	SVV SCP-2273H	SVV SCP-2273	A1 SCP-3120	A1 SCP-3120VH	WV SCP-2120	WV SCP-2370RH
TV Lines		680TVL	680TVL	680TVL	680TVL	600TVL	600TVL	600TVL	600TVL
VIDEO	Imaging Device	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" Ex-view HAD CCD (Double scan)	1/4" Super HAD CCD II	1/4" Super HAD CCD II
	Horizontal Resolution	Color : 680TV lines	Color : 680TV lines	Color : 680TV lines	Color : 680TV lines	Color : 600TV lines	Color : 600TV lines	Color : 600TV lines	Color : 600TV lines
	Min. Illumination (50 IRE)	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 : 0.7Lux B/W : 0.07Lux	Color : 0.2Lux B/W : 0.004Lux	Color : 0.2Lux B/W : 0Lux (IR LED on)
	Lens	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)	3.6 ~ 44.3mm (Optical 12x) F1.65(Wide) / F2.01(Tele)	3.9 ~ 46mm (Optical 12x) F1.67(Wide) / F1.88(Tele)	3.5 ~ 129.5mm (Optical 37x) F1.6(Wide) / F3.9(Tele)
	IR Viewable Length	-	-	-	-	-	-	-	100m (328.08ft)
	Angular Field of View	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 : 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)	H : 55.5° (Wide) ~ 1.59° (Tele) / V : 42.5° (Wide) ~ 1.19° (Tele)
	Pan / Tilt / Rotate	360° Endless / -5° ~ 185° / -	360° Endless / -5° ~ 185° / -	360° Endless / -5° ~ 185° / -	360° Endless / -5° ~ 185° / -	360° Endless / -5° ~ 185° / -	360° Endless / -5° ~ 185° / -	360° Endless / -5° ~ 185° / -	360° Endless / -5° ~ 185° / -
OPERATIONAL	Day & Night	True (ICR)	True (ICR)	True (ICR)	True (ICR)	True (ICR)	True (ICR)	True (ICR)	True (ICR)
	Backlight Compensation	BLC / HLC	BLC / HLC	BLC / HLC	BLC / HLC	WDR (52dB / 54dB)	WDR (52dB / 54dB)	BLC / HLC	BLC / HLC
	Digital Noise Reduction	SSNRIII	SSNRIII	SSNRIII	SSNRIII	Adaptive 3D+2D	Adaptive 3D+2D	SSNRIII	SSNRIII
	Motion Detection	Support	Support	Support	Support	Support	Support	Support	Support
	Privacy Masking	8 zones	8 zones	8 zones	8 zones	12 zones (Polygonal masking)	12 zones (Polygonal masking)	8 zones	8 zones
	Intelligent Video Analytics	-	-	-	-	Fixed / Moved	Fixed / Moved	-	-
FEATURES	Alarm I/O	8 / 3	8 / 3	8 / 3	8 / 3	2 / 2	2 / 2	2 / 2	8 / 3
	Communication	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 : CCVC, RS-485	Coax : Pelco-C (Coaxitron), RS-485	Coax : Pelco-C (Coaxitron), RS-485/422
	Environment Protection	IP66, IK10	IK10 (With SHP-3701H)	IP66, IK10	IK10 (With SHP-3701H)	-	IP66, IK10	-	IP66, IK10
	Operating Temperature	-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)	-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)
	Power	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)	AC 24V (Max. 12.0W, 45.0W - Fan & heater on)	AC 24V (Max. 12.0W)	AC 24V (Max. 15.0W, 90.0W - Fan & heater on)
	Dimensions (WxHxD) / Weight	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)	Ø154.0 x 150.0mm (Ø6.06" x 5.91") 1Kg (2.2 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)	Ø248.0 x 399.5mm (Ø9.76" x 15.73") 6Kg (13.23 lb)
	Additional Features	Digital image stabilization	Digital image stabilization	Digital image stabilization	Digital image stabilization	Digital image stabilization	Digital image stabilization	Digital image stabilization	Digital image stabilization

ANALOG

HD-SDI



HD-SDI
SCB-6001



HD-SDI
SCO-6081R



HD-SDI
SCD-6021



HD-SDI
SCD-6081R



HD-SDI
SCV-6081R

TV Lines / Resolutions		2MP	2MP	2MP	2MP	2MP
VIDEO	Imaging Device	1/3" PS CMOS	1/3" PS CMOS	1/3" PS CMOS	1/3" PS CMOS	1/3" PS CMOS
	Horizontal Resolution	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
	Min. Illumination (50 IRE)	Color : 1Lux B/W : 0.1Lux	Color : 1Lux B/W : 0Lux (IR LED on)	Color : 0.5Lux	Color : 1Lux B/W : 0Lux (IR LED on)	Color : 1Lux B/W : 0Lux (IR LED on)
	Lens	-	3 ~ 8.5mm (2.8x) Motorized V/F (F1.2)	3.8mm fixed (F2.0)	3 ~ 8.5mm (2.8x) Motorized V/F (F1.2)	3 ~ 8.5mm (2.8x) Motorized V/F (F1.2)
	IR Viewable Length	-	20ea / 30m (98.43ft)	-	12ea / 15m (49.21ft)	12ea / 15m (49.21ft)
	Angular Field of View	-	H : 105.5°(Wide) ~ 37.1°(Tele) / V : 57.5°(Wide) ~ 21°(Tele)	H : 84.5° / V : 45.8° / D : 98.8°	H : 105.5°(Wide) ~ 37.1°(Tele) / V : 57.5°(Wide) ~ 21°(Tele)	H : 105.5°(Wide) ~ 37.1°(Tele) / V : 57.5°(Wide) ~ 21°(Tele)
	Pan / Tilt / Rotate	-	-	0° ~ 354° / 0° ~ 67° / 0° ~ 355°	0° ~ 354° / 0° ~ 67° / 0° ~ 355°	0° ~ 354° / 0° ~ 67° / 0° ~ 355°
OPERATIONAL	Day & Night	True (ICR)	True (ICR)	Electrical	True (ICR)	True (ICR)
	Backlight Compensation	WDR (100dB)	WDR (100dB)	WDR (100dB)	WDR (100dB)	WDR (100dB)
	Digital Noise Reduction	SSNRIII	SSNRIII	SSNRIII	SSNRIII	SSNRIII
	Motion Detection	Support	Support	Support	Support	Support
	Privacy Masking	16 zones (4 points polygonal masking)	16 zones (4 points polygonal masking)	16 zones	16 zones (4 points polygonal masking)	16 zones (4 points polygonal masking)
	Intelligent Video Analytics	Tampering, Virtual line, Enter / Exit, (Dis)Appear	Tampering, Virtual line, Enter / Exit, (Dis)Appear	Tampering, Virtual line, Enter / Exit, (Dis)Appear	Tampering, Virtual line, Enter / Exit, (Dis)Appear	Tampering, Virtual line, Enter / Exit, (Dis)Appear
FEATURES	Alarm I/O	1 / 1	1 / 1	0 / 1	1 / 1	1 / 1
	Communication	RS-485	RS-485	RS-485	RS-485	RS-485
	Environment Protection	-	IP66	-	-	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)	-50°C ~ +55°C (-58°F ~ +131°F)
	Power	AC 24V & DC 12V (Max. 6.0W)	AC 24V & DC 12V (Max. 6.0W)	DC 12V (Max. 6.0W)	AC 24V & DC 12V (Max. 6.0W)	AC 24V & DC 12V (Max. 6.0W)
	Dimensions (WxHxD) / Weight	73.1 x 66.6 x 147.8mm (2.88" x 2.62" x 5.82") 321g (0.71 lb)	90.4 x 96.0 x 333.2mm (3.56" x 3.78" x 13.12") 1.3Kg (2.87 lb)	Ø119.8 x 99.0mm (Ø4.72" x 3.9") 435g (0.96 lb)	Ø132.1 x 107.6mm (Ø5.2" x 4.24") 321g (0.71 lb)	Ø160.0 x 118.5mm (Ø6.3" x 4.67") 952g (2.1 lb)
	Additional Features	Simple focus, Digital image stabilization	Simple focus, Digital image stabilization	Digital image stabilization	Simple focus, Digital image stabilization	Simple focus, Digital image stabilization



HD-SDI
SRD-1680D

BEYOND
SRD-1676D

BEYOND
SRD-1656D

SRD-1654D

SRD-1642

HD-SDI
SRD-880D

BEYOND
SRD-876D

SRD-854D

	Channel	16CH	16CH	16CH	16CH	16CH	8CH	8CH	8CH
OS	Embedded	Linux	Linux	Linux	Linux	Linux	Linux	Linux	Linux
Live	Frame Rate (NTSC / PAL)	480fps / 400fps	480fps / 400fps	480fps / 400fps	480fps / 400fps	480fps / 400fps	240fps / 200fps	240fps / 200fps	240fps / 200fps
Recording	Max. Record Rate / NTSC	480fps@960H / 240fps@1080p	480fps@1280 x 480	120fps@1280 x 480	120fps@4CIF/960H	480fps@960 x 480	240fps@1080p	240fps@1280 x 480	60fps@4CIF/960H
	Max. Record Rate / PAL	400fps@960H / 200fps@1080p	400fps@1280 x 576	100fps@1280 x 576	100fps@4CIF/960H	400fps@960 x 576	200fps@1080p	200fps@1280 x 576	50fps@4CIF/960H
	Compression	H.264	H.264	H.264	H.264	H.264	H.264	H.264	H.264
Video	Inputs	16CH	16CH	16CH	16CH	16CH	8CH	8CH	8CH
	Loop Outputs	-	Yes	Yes	-	-	-	Yes	-
Audio	Inputs	16CH (Built-in 4CH)	16CH (Built-in 4CH)	16CH (Built-in 4CH)	4CH	4CH	8CH (Built-in 4CH)	8CH (Built-in 4CH)	4CH (Built-in 4CH)
Storage	Internal HDD	Up to 4 SATA HDDs	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	Up to 4 SATA HDDs	Up to 4 SATA HDDs
	External HDD	Up to 2 expansion bays	Up to 2 expansion bays	Up to 2 expansion bays	-	-	Up to 2 expansion bays	Up to 2 expansion bays	-
Monitors	VGA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	HDMI	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Main Composite	-	-	-	-	-	-	-	-
	Spot Composite	2CH (Digital)	2CH (Digital)	2CH (Digital)	2CH (Digital)	1CH (Digital)	2CH (Digital)	2CH (Digital)	2CH (Digital)
Connections	USB	2 ports	2 ports	2 ports	2 ports	2 ports	2 ports	2 ports	2 ports
	e-SATA	2 External SATA ports	2 External SATA ports	2 External SATA ports	-	-	2 External SATA ports	2 External SATA ports	-
	DVD Writer (Back up)	Yes	Yes	Yes	Yes	-	Yes	Yes	Yes
	Mouse	Yes	Yes	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 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	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	SmartViewer, Webviewer, SSM	SmartViewer, Webviewer, SSM	SmartViewer, Webviewer, SSM
Removable BNC Panel		Yes	-	-	Yes	-	Yes	-	Yes
PTZ Control	Coax Protocol	Samsung CCVC, Pelco-C	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	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



SRD-842

HD-SDI
SRD-482

BEYOND
SRD-476D

SRD-445

SRD-443

	Channel	8CH	4CH	4CH	4CH	4CH
OS	Embedded	Linux	Linux	Linux	Linux	Linux
Live	Frame Rate (NTSC / PAL)	240fps / 200fps	120fps / 100fps	120fps / 100fps	120fps / 100fps	120fps / 100fps
Recording	Max. Record Rate / NTSC	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	200fps@960 x 576	100fps@1920 x 1080	100fps@1280 x 576 * P/B : 50fps@1280 x 576, 120fps@960 x 576	100fps@960 x 576	25fps@4CIF
	Compression	H.264	H.264	H.264	H.264	H.264
Video	Inputs	8CH	4CH	4CH	4CH	4CH
	Loop Outputs	-	-	Yes	-	-
Audio	Inputs	4CH	4CH	4CH	4CH	4CH
Storage	Internal HDD	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
	HDMI	Yes	Yes	Yes	Yes	-
	Main Composite	-	-	-	-	1CH (BNC)
	Spot Composite	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
	e-SATA	-	2 External SATA ports	-	1 port	-
	DVD Writer (Back up)	-	-	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 2 / Live unicast 4 / Live multicast 20
	Transmission	4CIF, 2CIF, CIF	1080p, 720p, 4CIF, 2CIF, CIF	4CIF, 2CIF, CIF	4CIF, 2CIF, CIF	4CIF, 2CIF, CIF
	Monitoring	NET-i viewer, SmartViewer, Webviewer	SmartViewer, Webviewer, SSM	SmartViewer, Webviewer, SSM	SmartViewer, Webviewer, SSM	NET-i viewer, SmartViewer, Webviewer
Removable BNC Panel		-	-	-	-	-
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

* Option : Audio extension cable



SVS-5R

Features	RAID 5 Unit
	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
	1U 19-inch rack case - Data transmission speed : up to 3.0Gbps (SATA II) - Available SATA HDD : up to 4 (4TB)

MONITOR / CONTROLLER

LED Monitor



SMT-4032



SMT-3232



SMT-2730



SMT-2232



SMT-1934



SMT-1930



SMT-1914



SMT-1734

Screen Size	40"	32"	27"	21.5"	19"	18.5"	19"	17"
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	1,280 x 1,024
Video In/Out	1	1	2 / 2	2 / 2	2 / 2	2 / 2	-	2 / 0
RGB In	1	1	1	1	1	1	1	1
DVI / HDMI	1 / 1	1 / 1	0 / 1	0 / 1	0 / 1	0 / 1	-	0 / 1
Audio In (Stereo)	2	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	1,000 : 1
Aspect Ratio	16 : 9	16 : 9	16 : 9	16 : 9	4 : 3	16 : 9	4 : 3	4 : 3
Response Time	8ms	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	250cd/m ²
Tempered Glass Screen	-	-	Yes	Yes	Yes	Yes	Yes	Yes
Picture In Picture	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Built-in Speakers	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes
Stand	General (Optional)	General (Optional)	Standard	Standard	Standard	Standard	Standard	Standard
Sync Format	NTSC : 3.5 / PAL : 4.43	NTSC : 3.5 / PAL : 4.43	NTSC : 3.5 / PAL : 4.43	NTSC : 3.5 / PAL : 4.43	NTSC : 3.5 / PAL : 4.43	NTSC : 3.5 / PAL : 4.43	NTSC : 3.5 / PAL : 4.43	NTSC : 3.5 / PAL : 4.43
Power	AC 100V ~ 240V	AC 100V ~ 240V	AC 100V ~ 240V	AC 100V ~ 240V	AC 100V ~ 240V	AC 100V ~ 240V	AC 100V ~ 240V	AC 100V ~ 240V

Controller



SPC-6000



SPC-2010



SPC-1010



SPC-300



SPC-200

Features	System Control Keyboard	PTZ / DVR System Controller	PTZ Control Keyboard	Coaxial Remote Controller	Camera Zoom & OSD Controller
	5" TFT touch LCD - Control PTZ dome cameras, DVRs and matrix switchers - Up to 255 units with a single controller - Connect to a system up to 16 controllers	- 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	- Control up to 255 PTZ cameras - Multi protocols supports - OSD menu, 3D joystick control - RS-485 and RS-422 interface	- Control via coaxial cable or RS-485 - Camera connected : 1unit - Cable extension : max. 500m (with 5C-2V cable) - RS-485 and RS-232C interface	- Camera zoom in/out, OSD control - RS-485 communication - Zoom camera RJ-45 connector control

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-12240		C	1/2"	1.3Megapixel	12 ~ 240mm 0.47" ~ 9.45"	19.82mm 0.78"	20	1.6	38.9° ~ 1.9°	Auto	Motorized	Motorized	116.0 x 135.0 x 223.5mm 4.57" x 5.31" x 8.8"	2.6Kg 5.73 lb
	SLA-880				8 ~ 80mm 0.31" ~ 3.15"	15.3mm 0.6"	10	1.2	54.3° ~ 5.8°	70.0 x 81.0 x 123.5mm 2.76" x 3.19" x 4.86"				670g 1.48 lb	
Varifocal Lens	SLA-3580DN		CS	1/3"	520K pixel	3.5 ~ 8mm 0.14" ~ 0.31"	8.7 ~ 14.7mm 0.34" ~ 0.58"	2.3	1.0	111.2° ~ 44.7°	DC	Manual	Manual	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°				37.5 x 48.0 x 56.0mm 1.48" x 1.89" x 2.2"	71g 0.16 lb
	SLA-550DV					5 ~ 50mm 0.2" ~ 1.97"	10.5 ~ 10.6mm 0.41" ~ 0.42"	10	1.3	64.0° ~ 6.9°				45.0 x 56.2 x 57.8mm 1.77" x 2.21" x 2.28"	100g 0.22 lb
	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

						
SH-P3701H Outdoor Housing for PTZ Dome - For outdoor applications - Weatherproof rated to IP66 - Aluminum + Polycarbonate - IK10 vandal resistant	SH-P3701F In-Ceiling Housing for PTZ Dome - For indoor applications - Polycarbonate	SHD-3000F1 In-Ceiling Housing for PTZ Dome - For indoor applications - Polycarbonate - Can be used with SNV-7084R/6084R/5084R/ 7084/6084/5084 SND-7084R/6084R/5084R/ 7084/6084/6083/5084/5083	SHD-3000F2/3000F3 In Ceiling Housing for Dome - For indoor applications - Polycarbonate - Can be used with SND-L6083R/L5083R SCD-5082, SUD-5082 (SHD-3000F2) SNV-L6083R/L5083R SCV-5082/5083/5083R/5085 (SHD-3000F3)	SBP-300WM1/300WM Wall Mount - Aluminum + SECC - Can be used with hanging mount and outdoor PTZ	SBP-300CM Ceiling Mount - Aluminum + SECC - Can be used with hanging mount and outdoor PTZ	SBP-300LM Parapet Mount - Aluminum + SECC (SBP-300LM) - SECC (SBP-300PM/300KM) - Can be used with hanging mount and outdoor PTZ (SBP-300LM) - Can be used with SBP-300B/300WM/300WM1 (SBP-300PM/300KM)
						
SBP-300PM Pole Mount - Aluminum + SECC (SBP-300LM) - SECC (SBP-300PM/300KM) - Can be used with hanging mount and outdoor PTZ (SBP-300LM) - Can be used with SBP-300B/300WM/300WM1 (SBP-300PM/300KM)	SBP-300KM Corner Mount - Aluminum + SECC (SBP-300LM) - SECC (SBP-300PM/300KM) - Can be used with hanging mount and outdoor PTZ (SBP-300LM) - Can be used with SBP-300B/300WM/300WM1 (SBP-300PM/300KM)	SBP-300B Wall Mount Install Base - Aluminum + SECC - Can be used with SBP-300WM/300WM1	SBP-300HM1 Hanging Mount - Aluminum - 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	SBP-301HM2 Hanging Mount - Aluminum - Can be used with SCD-6081R/6080 SCV-5083R/5083/5082/3083 3082/3081/2081R/2081 SND-7084R/7084/7082/6084R/6084/ 6083/5084R/5084/5083/3082 SNV-L6083R/L5083R/1080R/1080 SBP-300CM/300LM/300WM/300WM1	SBP-301HM3 Hanging Mount - Aluminum - Can be used with SCP-3371/2371/2271/3120 SCV-3080/2120/2080R/2080/2060 SNP-6321/6320/6201/5430/ 5321/5300 SNV-7082/7080R/7080/5080/ 3120/3082 SBP-300CM/300LM/300WM/300WM1	SBP-301HM4 Hanging Mount for 3M Fisheye + Dome Cameras - Aluminum - Can be used with SCD-6021/5083R/5083/5082/5080 SND-6011R/L6083R/L5083R SNF-7010VM/7010V/7010 SBP-300CM/300LM/300WM/300WM1
						
SBP-300TM Wall Ceiling Mount for 3M Fisheye + Dome Cameras - Poly carbonate (SBP-300TM) - Can be used with SNF-7010VM/7010V/7010	SBP-300HM5 Hanging Mount for 5M Fisheye Cameras - Aluminum - Can be used with SNF-8010/8010VM SBP-300CM/300LM/300WM/300WM1	SBP-300TM1 Wall Ceiling Mount for 5M Fisheye Cameras - Poly carbonate - Can be used with SNF-8010/8010VM	SBP-300HM6 Hanging Mount - Aluminum - Can be used with SCV-6081R SNV-7084R/7084/6084R/6084/ 5084R/5084 SBP-300CM/300LM/300WM/300WM1	SBP-300HM7 Hanging Mount - Aluminum - Can be used with SND-L6013R/L6013/L6012/L5013	SBP-300WM0 Wall Mount - Poly carbonate - Can be used with small-sized indoor dome cameras	SBP-300HF/301HF Built-in SFP Install Base for PTZ Cameras - Aluminum - 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)

PERIPHERALS

Box Camera Housings / Mounts

						
SHB-4300H/4300H1/4300H2	SHB-4200/4200H	STH-200	SBU-500WM	SBU-220PM	STB-400	STB-4150V
Fixed Housing - Aluminum diecasting construction - Fully cable managed bracket - Built-in fan & heater - Support three cable glands, IP66	Fixed Housing - Support two cable glands - Built-in fan & heater : SHB-4200H	Fixed Housing - For fixed camera application - Wall/ceiling installations - Easy to install side open type	Fixed Mount - Wall mount for positioning system - Aluminum material - Can be used with SCU-2370/9080, SCU-VAC	Fixed Mount - Pedestal mount for positioning system - Aluminum material - Can be used with SCU-2370/9080, SCU-VAC	Fixed Mount - Bracket for STH-500/200 - Steel material	Fixed Mount - Bracket for box cameras - Steel material

Positioning / IR Illuminator / HD-SDI

				
SCU-VAC	SPI-10A/30A	SBU-550IM	SPH-120R	SPH-110C
Positioning System - Integrated receiver, pan/tilt, and housing - Position encoders provide 0.1° accuracy 360° pan, +40° to -85° tilt range - Accepts most AC 24V 3rd party cameras	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	IR Illuminator Bracket Applicable with SPI-10/30	HD-SDI Repeater Repeat the HD-SDI signal from the HD CCTV cameras and enables the extension for the transmission distance	HD-SDI Converter Accept the HD-SDI signal from the HD CCTV cameras, and converts the signal for presentation on the HDMI input of the monitor

PERIPHERALS

PTZ Cameras

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

Dome Cameras

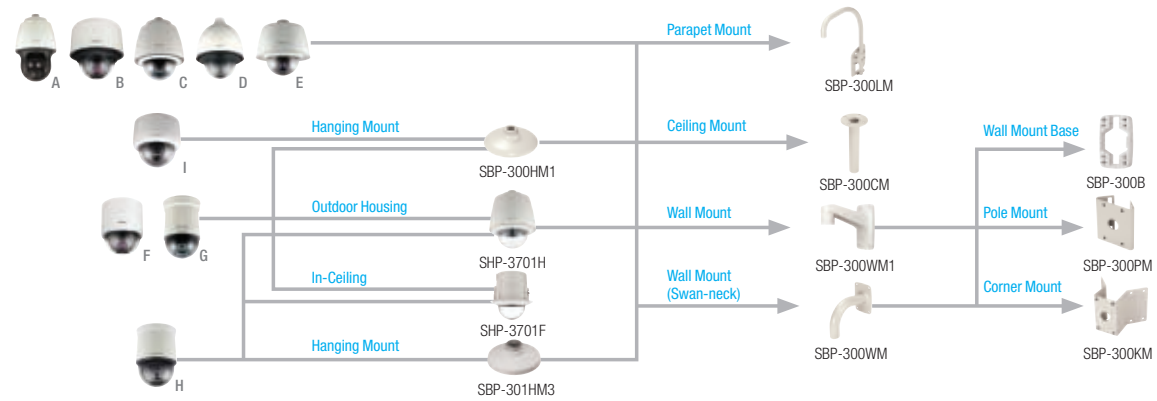
Type	Vandal-Resistant						Indoor Dome							
Shape														
Color	Ivory													
Model	SCV-2120 SCV-2080R	SCV-3120/3080 SCV-2080/2060 SNV-7082 SNV-7080R/7080 SNV-5080R/5080 SNV-3120 SNV-3082	SCV-3083 SCV-3082 SCV-3081 SCV-2082R SCV-2081R SCV-2081 SNV-1080R SNV-1080	SCV-6081R SNV-8080 SNV-7084R SNV-7084 SNV-6084R SNV-6084 SNV-5084R SNV-5084	SCV-5085 SNV-5083R SCV-5083 SCV-5082 SNV-L6083R SNV-L5083R	SNV-6013	SCD-6081R SND-7084R SND-7084 SND-6084R SND-6084 SND-6083 SND-5084R SND-5084 SND-5083	SCD-6080 SND-7082 SND-5080 SND-3082	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 SUD-2020	SUD-2010	SND-L5013 SND-L6012 SND-L6013 SND-L6013R	

Fisheye Cameras

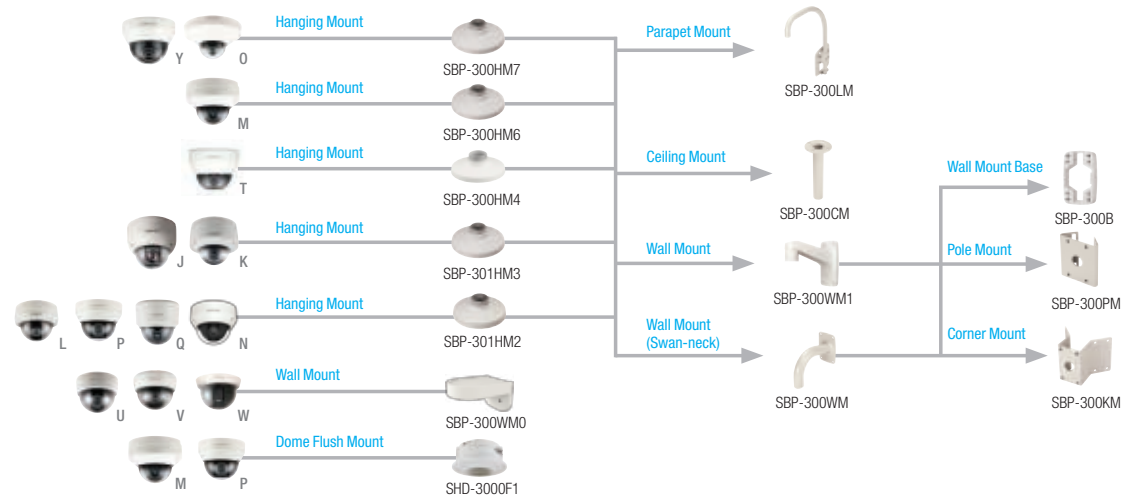
Type	3M Fisheye		5M Fisheye	
Shape				
Color	Ivory			
Model	SNF-7010	SNF-7010V SNF-7010VM	SNF-8010	SNF-8010VM

PERIPHERALS

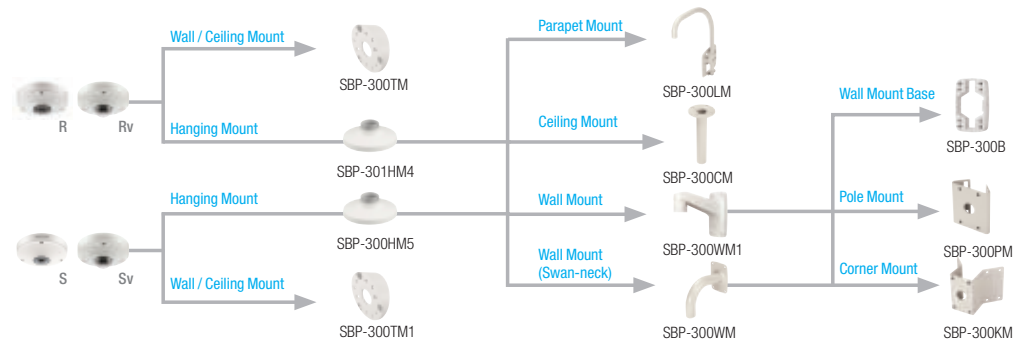
PTZ



DOME

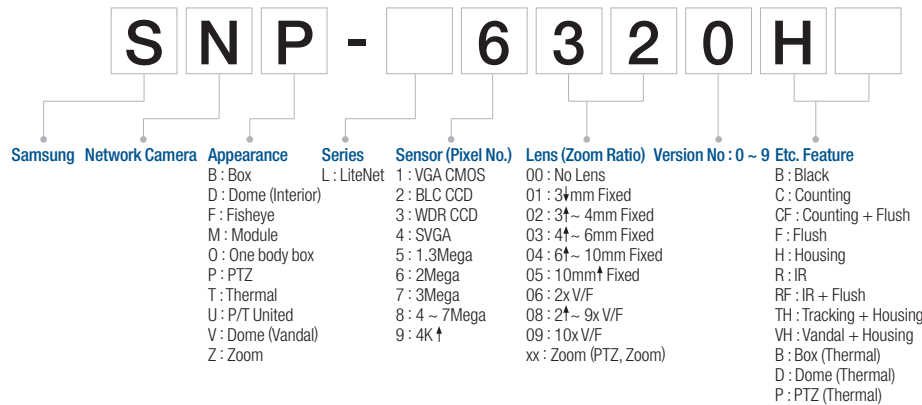


FISHEYE

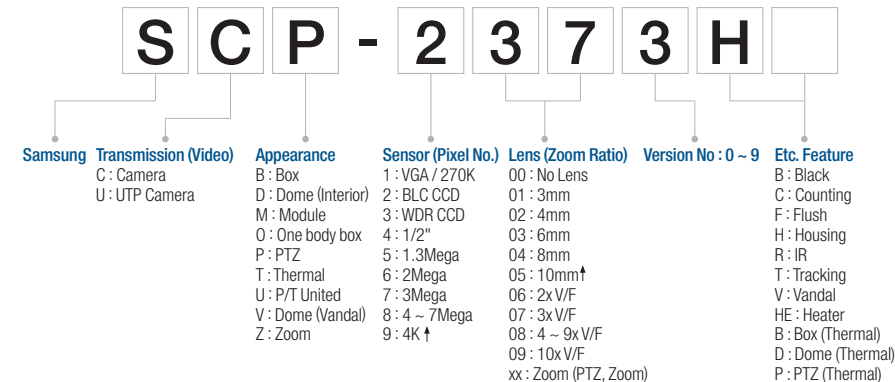


PRODUCT NUMBERING RULE

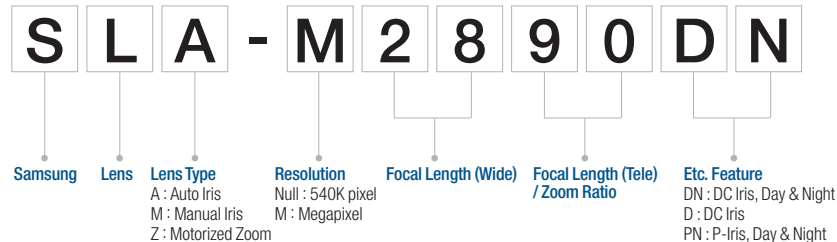
Network Camera



Analogue Camera

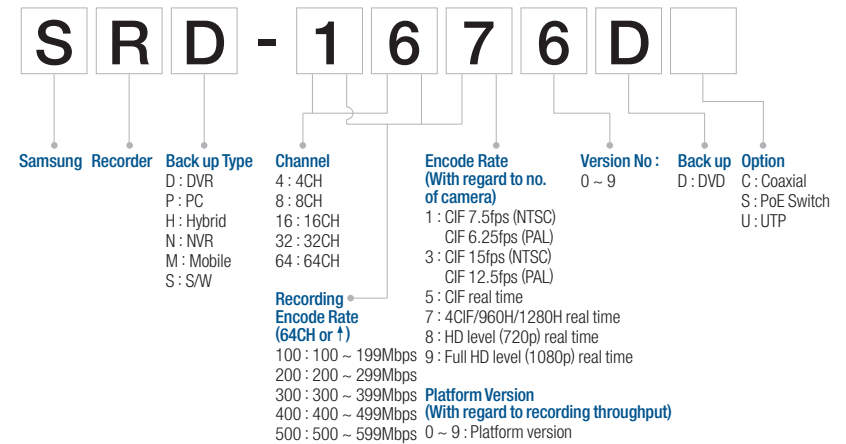


Lens

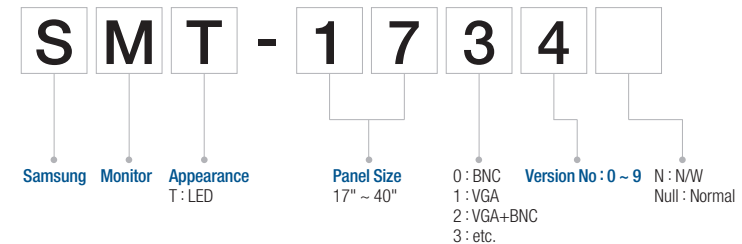


DVR / NVR

* The SRD-1676D/1656D/876D/476D supports coaxial control.



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