

WiseNet Lite

Breakthrough in Price & Quality



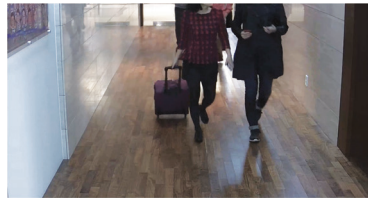
Samsung Techwin introduces its new WiseNet Lite series, an affordable product line with simple and essential features ideal for securing small to medium sized applications.

Affordable, compact cameras with professional features

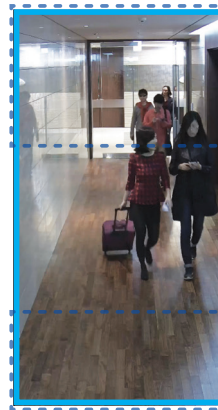
- 1.3MP to 2MP resolution
- Hallway view (Rotate 90°/270°)
- Motion detection, Tampering
- Audio support
- IR viewable length up to 65ft
- Framerate max. 30fps at all resolution (H.264)
- LDC (Lens Distortion Correction)
- Edge storage (micro SD/SDHC 32GB, NAS)
- IP66/IK10 (Outdoor cameras)
- Compact design

Hallway view for monitoring vertical shaped areas

Traditional video captures unnecessary edges on vertical areas such as corridors, hallways, tunnels, or aisles, causing bandwidth and storage waste. By utilizing the camera's hallway view, 3:4 and 9:16 aspect ratios, images are created vertically, maximizing the image quality in narrow situations.



Traditional View



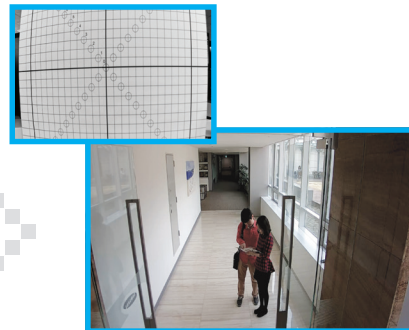
Hallway View

Lens Distortion Correction (LDC) minimizes image distortion

Lens Distortion typically appears in videos causing straight lines close to the edge to curve outwards. With Lens Distortion Correction technology, available on the WiseNet Lite series, imperfections in images are easily repaired.



Conventional



Lens Distortion Correction

Specialized for small to medium sized applications

Samsung Techwin's WiseNet Lite series is ideal for small to medium sized applications.

- Using WiseNet Lite cameras and NVR with PoE together creates a network solution that saves installation time and cost
- Install cameras on entrance/lobbies, parking lots, elevators, hallways, aisles and more. This professional surveillance camera will enable you to create a secure environment meeting your needs.



3 types of video profiles from a single camera

WiseNet Lite series allows up to 3 types of video profiles in different resolutions, framerate, and compression. Profiles can be viewed live, mobile, or recorded.



Edge storage supported

Make your security system simple and cost-effective by recording videos directly onto a micro SD/SDHC memory card (32GB) and NAS (Network Attached Storage device).

Audio function supported

Enabling audio through the built-in mic (indoor cameras) and line-in (outdoor cameras) functions enhances security.

Protect your device with waterproof plug

Connect the waterproof plug with the LAN cable connection to reduce installation costs and get waterproof protection.



Product Comparison Chart

IR Bullet / Dome



WiseNet Lite
SNO-L6083R



WiseNet Lite
SNO-L6013R



WiseNet Lite
SNO-L5083R



WiseNet Lite
SND-L6013



WiseNet Lite
SND-L5013

	SNO-L6083R	SNO-L6013R	SNO-L5083R	SND-L6013	SND-L5013
Resolution	2MP	2MP	1.3MP	2MP	1.3MP
Imaging Device	1/2.9" 2.19M CMOS	1/2.9" 2.19M CMOS	1/3" 1.37M CMOS	1/2.9" 2.19M CMOS	1/3" 1.37M CMOS
Video Compression Format	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG
Resolution / Max. Frame Rate	2M / 30fps	2M / 30fps	1.3M / 30fps	2M / 30fps	1.3M / 30fps
Streaming Capacity	Multiple (Up to 3 profiles)	Multiple (Up to 3 profiles)	Multiple (Up to 3 profiles)	Multiple (Up to 3 profiles)	Multiple (Up to 3 profiles)
Max. User Access	6 (Unicast)	6 (Unicast)	6 (Unicast)	6 (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 : 0.04Lux B/W : 0Lux (IR LED on)	Color : 0.15Lux B/W : 0.15Lux	Color : 0.085Lux B/W : 0.085Lux
Digital WDR	60dB	60dB	60dB	60dB	60dB
Hallway View	90° and 270°	90° and 270°	90° and 270°	90° and 270°	90° and 270°
Edge Image Enhancement	LDC (Lens Distortion Control)	LDC (Lens Distortion Control)	LDC (Lens Distortion Control)	LDC (Lens Distortion Control)	LDC (Lens Distortion Control)
Lens	2.8 ~ 12mm (4.3x) V/F (F1.4)	3.6mm fixed (F1.8)	2.8 ~ 12mm (4.3x) V/F (F1.4)	3.6mm fixed (F1.8)	3.6mm fixed (F1.8)
Angular Field of View	H : 103.8°(Wide) ~ 32.4°(Tele) / V : 53.7°(Wide) ~ 18.4°(Tele) / D : 121.9°(Wide) ~ 37.1°(Tele)	H : 86.5° / V : 47.8° / D : 101.2°	H : 88.2°(Wide) ~ 28.6°(Tele) / V : 69.4°(Wide) ~ 23.0°(Tele) / D : 117.3°(Wide) ~ 36.2°(Tele)	H : 86.5° / V : 47.8° / D : 101.2°	H : 74° / V : 58° / D : 97°
Focus Control	Manual	-	Manual	-	-
IR Viewable Length	20m (65.62ft)	20m (65.62ft)	20m (65.62ft)	-	-
Pan / Tilt / Rotate	-	-	-	0° ~ 350° / 0° ~ 67° / 0° ~ 355°	0° ~ 350° / 0° ~ 67° / 0° ~ 355°
Day & Night	True (ICR)	True (ICR)	True (ICR)	Electrical	Electrical
Backlight Compensation	BLC	BLC	BLC	BLC	BLC
Digital Noise Reduction	SSNR	SSNR	SSNR	SSNR	SSNR
Intelligent Video Analytics	Motion detection with metadata, Tampering	Motion detection with metadata, Tampering	Motion detection with metadata, Tampering	Motion detection with metadata, Tampering	Motion detection with metadata, Tampering
Protocol	ONVIF profile S & G, SUNAPI	ONVIF profile S & G, SUNAPI	ONVIF profile S & G, SUNAPI	ONVIF profile S & G, SUNAPI	ONVIF profile S & G, SUNAPI
Audio	Uni-directional	Uni-directional	Uni-directional	Uni-directional	Uni-directional
Edge Storage	micro SD/SDHC	micro SD/SDHC	micro SD/SDHC	micro SD/SDHC	micro SD/SDHC
NAS Support	Yes	Yes	Yes	Yes	Yes
Environment Protection	IP66, IK10	IP66	IP66, IK10	-	-
Operating Temperature	-30°C ~ +55°C (-22°F ~ +131°F) *Start up above -20°C (-4°F)	-30°C ~ +55°C (-22°F ~ +131°F) *Start up above -20°C (-4°F)	-30°C ~ +55°C (-22°F ~ +131°F) *Start up above -20°C (-4°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)
Power	PoE (Max. 5.9W)	PoE (Max. 5.7W)	PoE (Max. 5.9W)	PoE (Max. 2.4W)	PoE (Max. 2.4W)
Dimensions (WxHxD) / Weight	2.76" x 9.69" (70.0 x 246.0mm) 700g (1.54 lb) (Without sunshield)	2.31" x 6.5" (58.6 x 165.2mm) 250g (0.55 lb) (Without sunshield)	2.76" x 9.69" (70.0 x 246.0mm) 650g (1.43 lb) (Without sunshield)	4.33" x 3.39" (110.0 x 86.0mm) 250g (0.55 lb)	4.33" x 3.39" (110.0 x 86.0mm) 240g (0.53 lb)

Product Comparison Chart

IR Dome / IR Vandal-Resistant



WiseNet Lite
SND-L6083R



WiseNet Lite
SND-L6013R



WiseNet Lite
SND-L5083R



WiseNet Lite
SNV-L6083R



WiseNet Lite
SNV-L5083R

	SND-L6083R	SND-L6013R	SND-L5083R	SNV-L6083R	SNV-L5083R
Resolution	2MP	2MP	1.3MP	2MP	1.3MP
Imaging Device	1/2.9" 2.19M CMOS	1/2.9" 2.19M CMOS	1/3" 1.37M CMOS	1/2.9" 2.19M CMOS	1/3" 1.37M CMOS
Video Compression Format	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG
Resolution / Max. Frame Rate	2M / 30fps	2M / 30fps	1.3M / 30fps	2M / 30fps	1.3M / 30fps
Streaming Capacity	Multiple (Up to 3 profiles)	Multiple (Up to 3 profiles)	Multiple (Up to 3 profiles)	Multiple (Up to 3 profiles)	Multiple (Up to 3 profiles)
Max. User Access	6 (Unicast)	6 (Unicast)	6 (Unicast)	6 (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 : 0.04Lux B/W : 0Lux (IR LED on)	Color : 0.095Lux B/W : 0Lux (IR LED on)	Color : 0.04Lux B/W : 0Lux (IR LED on)
Digital WDR	60dB	60dB	60dB	60dB	60dB
Hallway View	90° and 270°	90° and 270°	90° and 270°	90° and 270°	90° and 270°
Edge Image Enhancement	LDC (Lens Distortion Control)	LDC (Lens Distortion Control)	LDC (Lens Distortion Control)	LDC (Lens Distortion Control)	LDC (Lens Distortion Control)
Lens	2.8 ~ 12mm (4.3x) V/F (F1.4)	3.6mm fixed (F1.8)	2.8 ~ 12mm (4.3x) V/F (F1.4)	2.8 ~ 12mm (4.3x) V/F (F1.4)	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 : 88.2°(Wide) ~ 28.6°(Tele) / V : 69.4°(Wide) ~ 23.0°(Tele) / D : 117.3°(Wide) ~ 36.2°(Tele)	H : 103.8°(Wide) ~ 32.4°(Tele) / V : 53.7°(Wide) ~ 18.4°(Tele) / D : 121.9°(Wide) ~ 37.1°(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	-	Manual	Manual	Manual
IR Viewable Length	15m (49.21ft)	15m (49.21ft)	15m (49.21ft)	20m (65.62ft)	20m (65.62ft)
Pan / Tilt / Rotate	0° ~ 350° / 0° ~ 67° / 0° ~ 355°	0° ~ 350° / 0° ~ 67° / 0° ~ 355°	0° ~ 350° / 0° ~ 67° / 0° ~ 355°	0° ~ 350° / 0° ~ 67° / 0° ~ 355°	0° ~ 350° / 0° ~ 67° / 0° ~ 355°
Day & Night	True (ICR)	True (ICR)	True (ICR)	True (ICR)	True (ICR)
Backlight Compensation	BLC	BLC	BLC	BLC	BLC
Digital Noise Reduction	SSNR	SSNR	SSNR	SSNR	SSNR
Intelligent Video Analytics	Motion detection with metadata, Tampering	Motion detection with metadata, Tampering	Motion detection with metadata, Tampering	Motion detection with metadata, Tampering	Motion detection with metadata, Tampering
Protocol	ONVIF profile S & G, SUNAPI	ONVIF profile S & G, SUNAPI	ONVIF profile S & G, SUNAPI	ONVIF profile S & G, SUNAPI	ONVIF profile S & G, SUNAPI
Audio	Uni-directional	Uni-directional	Uni-directional	Uni-directional	Uni-directional
Edge Storage	micro SD/SDHC	micro SD/SDHC	micro SD/SDHC	micro SD/SDHC	micro SD/SDHC
NAS Support	Yes	Yes	Yes	Yes	Yes
Environment Protection	-	-	-	IP66, IK10	IP66, IK10
Operating Temperature	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-30°C ~ +55°C (-22°F ~ +131°F) *Start up above -20°C (-4°F)	-30°C ~ +55°C (-22°F ~ +131°F) *Start up above -20°C (-4°F)
Power	PoE (Max. 5.4W)	PoE (Max. 5.9W)	PoE (Max. 5.4W)	PoE (Max. 5.8W)	PoE (Max. 5.8W)
Dimensions (WxHxD) / Weight	4.72" x 3.89" (119.8 x 98.8mm) 290g (0.64 lb)	4.33" x 3.39" (110.0 x 86.0mm) 250g (0.55 lb)	4.72" x 3.89" (119.8 x 98.8mm) 290g (0.64 lb)	5.39" x 4.18" (137.0 x 106.1mm) 670g (1.48 lb)	5.39" x 4.18" (137.0 x 106.1mm) 670g (1.48 lb)