

Low Light 30X PTZ Network Camera

SNP-3300



Specifications

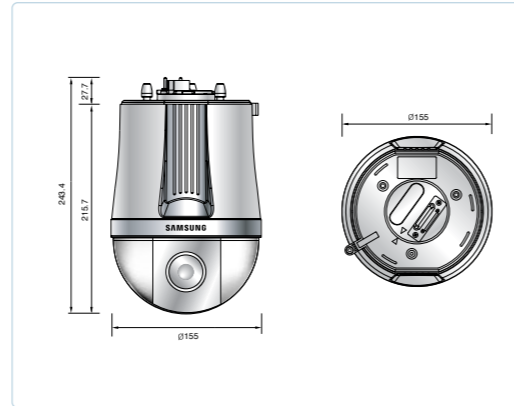
Mode	SNP-3300N	SNP-3300P
Power Source	24V AC (±10%), 60Hz	
Power Consumption	Max. 18W	
Image Pick-up Device	1/4" Vertical double density interline CCD	
Total Pixels	811(H) x 508(V)	795(H) x 596(V)
Effective Pixels	768(H) x 494(V)	752(H) x 582(V)
Scanning System	2 : 1 Interlace	2 : 1 Interlace
	525 Lines / 60 Fields / 30 Frames	625 Lines / 50 Fields / 25 Frames
Synchronization	Internal / Line lock selectable	
Scanning Frequency	Horizontal : 15,734KHz / Vertical : 59.94Hz	
Horizontal Resolution	Horizontal : 15,625KHz / Vertical : 50Hz	
Video Output	1.0Vp-p / 75Ω (Video 0.714Vp-p, Sync 0.286Vp-p)	1.0Vp-p / 75Ω (Video 0.7Vp-p, Sync 0.3Vp-p)
Min. Illumination	0.08Lux@F1.6 (B/W mode) 0.003Lux@F1.6 (Sens-up mode)	
Wide Dynamic Range	52dB (128X)	
S / N Ratio (Y signal)	50dB (AGC off, Weight on)	
Day & Night	Color / B/W / Auto selectable (ICR filter change)	
White Balance	ATW / AWC / Manual selectable (1800°K ~ 10,500°K)	
Electronic Shutter Speed	Auto / Manual selectable (1/60 ~ 1/120,000)	Auto / Manual selectable (1/50 ~ 1/120,000)
SSNR	Low / Middle / High / Off selectable	
Motion Detection	On / Off selectable (Output via terminal)	
Privacy Function	On / Off selectable (8 Programmable zones)	
Preset Positions	128 Positions	
Digital Flip	Left / Right, Up / Down selectable	
Zoom Ratio	30X, f3.3 ~ 99.0mm (F1.6 ~ 3.7)	
Angle Field of View	Horizontal : Appr. 58.0°(Wide) to 2.22°(Tele) / Vertical : Appr. 44.8°(Wide) to 1.68°(Tele)	
Digital Zoom	Built-in (2X ~ 8X, Total 240X zoom)	
Rotation Angle	Pan : 360° Endless / Tilt : -4° ~ -184° (Digital flip)	
Rotation Speed	Pan : 240°/sec (64 step) / Tilt : 240°/sec (64 step)	
Video Channel	1 Input / 1 Output through BNC	
Hardware	CPU : Samsung ARM CPU (200MHz) OS : Embedded Linux	
Compression Method	MPEG-4 / JPEG selectable video compression, ADPCM audio compression	
Compression / Transmission Speed	Video : Max. VGA 30fps	Video : Max. VGA 25fps
Image Quality Control	5 levels	
Audio Input / Output	1 / 1	
Internet Browser	MS Internet Explorer ver 5.5 or higher	
Resolution	704 x 480, 704 x 240, 352 x 240	704 x 576, 704 x 288, 352 x 288
Security	Password (User authentication), Control message encryption	
DIO Supports	4 Sensor input, 2 Alarm output	
User Connection	20 Users	
Protocol Supported	HTTP, TCP/IP, PPPoE, FTP, SMTP, DHCP, DDNS, NTP	
Misc. Function	Event / Alarm, FTP / E-mail notification	
System Resource	32Bit RISC processor, 64MB SDRAM, 64MB flash, 512KB ROM	
Network Interface	10/100 Base-T Ethernet using RJ-45	
Viewer Application	Network management software / Web viewer	
DDNS	Support (xDSL, DHCP, Cable modem, etc)	
SDK	3rd Party SDK support	
Operating Temperature	0°C ~ +40°C	
Operating Humidity	30% ~ 80% RH	
Dimensions	Ø155(W) x 243.4(H)mm	
Weight	2.5Kg	

CAMERA

NETWORK

Dimensions

Unit : mm



Option (Accessories)



SNP-3300

imagine Surveillance Beyond Time & Space

The SNP-3300 is an ultra low light PTZ network camera with a built-in 30X A/F zoom lens. The SNP-3300 is equipped with various functions including MPEG-4 /JPEG compression, fast 30fps VGA-class image transmission, an ultra low light level surveillance function, and WDR, ensuring a 24 hour optimum network connection anytime anywhere.



The Eco mark represents Samsung Techwin's will to create environment-friendly products, and indicates that the product satisfies the EU RoHS Directive.

Design and specifications are subject to change without notice.



SAMSUNG TECHWIN CO., LTD.
333-1, Sangdaewon 1-dong, Jungwon-gu,
Seongnam-si, Gyeonggi-do Korea 462-807
Tel : +82-31-730-8931-3 Fax : +82-31-730-8950
www.samsungcctv.com

SAMSUNG OPTO-ELECTRONICS UK, LTD.
Samsung House, 1000 Hillwood Drive,
Hillwood Business Park Chertsey, Surrey KT16 0PS
Tel : +44-1932-45-5308 Fax : +44-1932-45-5325

TIANJIN SAMSUNG OPTO-ELECTRONICS CO., LTD.
7 Pingchang Rd., Nankai Dist., Tianjin 300190, P.R.China
Tel : +86-22-2761-4724(33821) Fax : +86-22-2761-6514

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Real time connection via the **internet** anytime anywhere!

A large area can be captured at once, using the **240X zoom-in** function and high **speed pan/tilt** function.

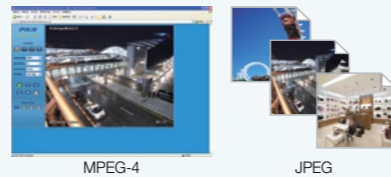


The SNP-3300 is a high performance PTZ network camera with a built-in 30X A/F zoom lens, which provides an ultra low light level surveillance function and an excellent WDR function. Images that are being monitored can be compressed using the MPEG-4 /JPEG method, and VGA-class high resolution images can be transmitted at 30fps in real time, anytime anywhere. The integration of various network functions, including the powerful "Network Manager" and web viewer, two-way audio, and remote PTZ control achieves complete network security.

Network integrated management for monitoring high tech manufacturing lines to urban areas! Easy & Powerful 30X Network Monitoring

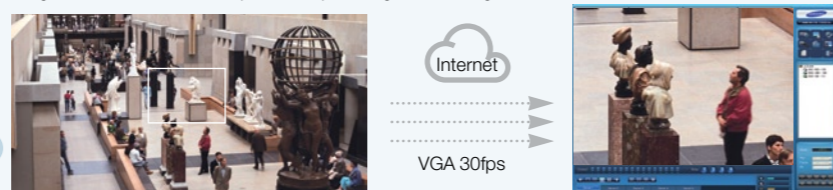
Supporting MPEG-4/JPEG compression

The SNP-3300 enables the user to select MPEG-4 or JPEG compression depending on the environment.



Supporting the transmission of VGA-class 30fps and analogue images

The superb network performance allows real-time transmission of VGA-class high resolution images and achieves an output of 4-split images in analogue.



Supporting a remote PTZ control function and an alarm function

The PTZ function can be remotely controlled via RS-485/422, and functions including motion detection, events and a sensor-inter-locked alarm are also supported.



Supporting flexible IP and DDNS

The SNP-3300 is so simple to use that even a beginner can easily set up the network, and it supports stable and flexible IP. To obtain the domain address of a convenient on-line DDNS service, visit www.samsungipolis.com.



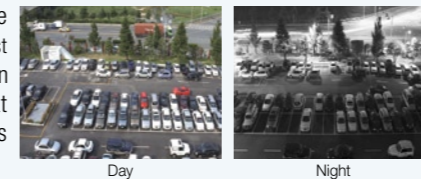
Optical 30X. Up to 240X zoom (f3.3 ~ 99mm)

The SNP-3300 has a built-in 30X A/F zoom lens, and provides up to 240X magnification of surveillance areas. The SNP-3300 also has a high speed pan/tilt function to quickly capture even a large area.



Operating at an ultra low light of 0.003Lux and supporting an ICR Day & Night function

The SNP-3300 has a superb ultra low light level surveillance function that enables the user to observe a surveillance subject clearly, using the smallest amount of light, and also has an ICR Day & Night function that provides high quality images even at night.



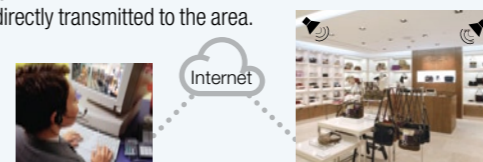
'Network Manager' and web viewer surveillance, powerful integrated management

The Samsung 'Network Manager' software, which is supplied with the product, has a powerful function that enables the integrated management of network products, and supports a web viewer for the monitoring of surveillance areas via an internet connection.



Two-way audio transmission

Remote users can clearly hear voices and noise made in the surveillance area, and a warning voice can be directly transmitted to the area.



Supporting 126X WDR wide area backlight compensation

The SNP-3300 employs a delicate pixel unit analysis technique that enhances WDR performance by 126 times. The SNP-3300 provides clear images without interference from backlight when monitoring large lobbies and airport and bus terminals.



Supporting 128 Preset and automatic surveillance functions

The SNP-3300 can be preset in terms of timing and method to suit up to 128 different surveillance areas, and the camera then automatically performs surveillance according to the preset conditions.



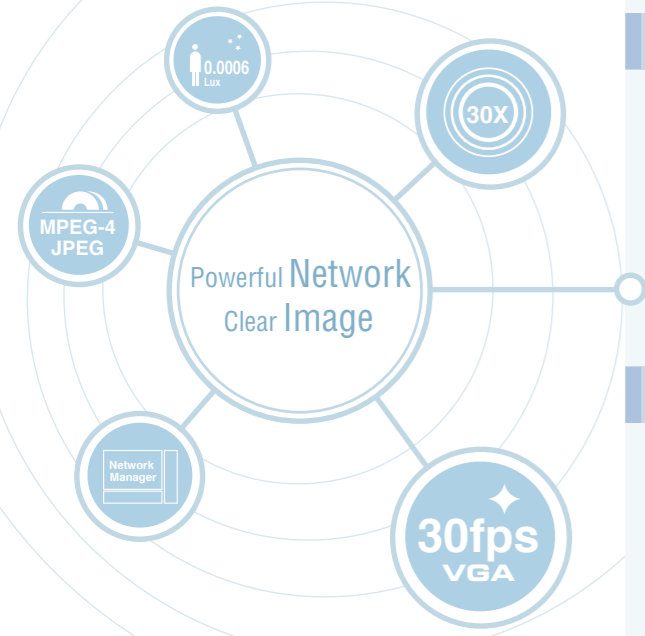
Motion detection and privacy masking

The SNP-3300 automatically detects the movement of a surveillance subject and outputs a warning message. A maximum of 8 surveillance cut-off areas can be masked and excluded from the surveillance screen.



Convenient installation of various accessories

A variety of accessories can be installed. Convenient custom-made accessories can be installed for different areas. Installation costs can be reduced by installing only essential accessories.



iPOLiS
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