High-Quality, Intelligent Network Dome Camera
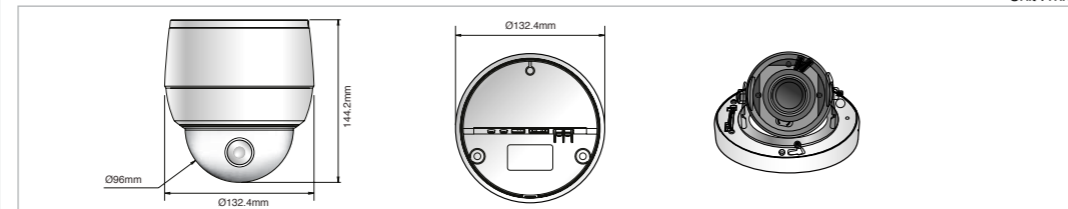
SND-560

SAMSUNG · SAMSUNG TECHWIN

iPOLiS

Software

128 channels Network Monitoring Software

SNM-64S / 128S (Standard),
SNM-64P / 128P (Optional)

32/16/19 channels Network Recording Software

SNR-32A / 16A / 9A (Optional)

Specifications

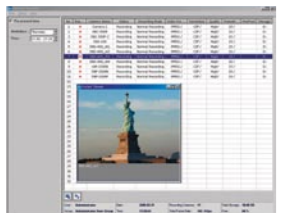|		SND-560N	SND-560P
Imaging Device		1/3" Vertical double density interline CCD	
Total Pixels		811 (H) x 508 (V)	795 (H) x 596 (V)
Effective Pixels		768 (H) x 494 (V)	752 (H) x 582 (V)
Scanning System		2 : 1 Interlace	
Frequency		H : 15.734 KHz / V : 59.94 Hz	H : 15.625 KHz / V : 50.00 Hz
Horizontal Resolution		Color : 560TV lines (Min.), B/W : 700 TV Lines (Min.)	
Min. Illumination		Color : 0.3Lux (50 IRE@F1.2), 0.001Lux (Sens-up, 256X) B/W : 0.01Lux (50 IRE@F1.2)	
S / N (Y signal)		52 dB	
On Screen Display		Built-in (Currently supported language : English, Spanish, French, German, Italian, Japanese, Chinese)	
Camera Title		On / Off	
Day & Night		Auto (ICR) / Color / B/W	
Backlight Compensation		WDR / BLC / HLC / Off	
Dynamic Range		52 dB	
Motion Detection		On / Off (Output via communication)	
Digital Image Stabilization		On / Off	
Privacy Masking		On / Off (8 Programmable zones)	
3D Noise Filter (SSNRII)		On / Off (Level adjustable)	
Sens-up (Frame Integration)		Auto / Off (Selectable limit ~ 256X)	
Gain Control		High / Low / Off	
White Balance		ATW / AWC / Manual / Indoor / Outdoor	
Electronic Shutter Speed		Auto (NTSC : 1/60 ~ 1/120,000 sec, PAL : 1/50 ~ 1/120,000) / Manual / A.FLK	
Zoom Ratio		3.6X (Manual)	
Focal Length		2.8 ~ 10 mm (F1.2)	
Maximum Aperture Ratio		1 : 1.2 (Wide) ~ 2.8 (Tele)	
Min. Object Distance		0.2 m (0.66 ft)	
Field of view	Horizontal	101.8° (Wide) to 28.6° (Tele)	
Angular	Vertical	74.3° (Wide) to 21.5° (Tele)	
Focus		Manual	
IRIS Control		Auto	
Panning Range		0° ~ 340°	
Tilting Range		0° ~ 146°	
Rotate Range		±175	
Encoding	Resolution	Up to 704 x 480	Up to 704 x 576
	Compression	MPEG-4 / JPEG Dual Codec with Transcoder	
	Encode Rate	Up to 30fps@704 x 480	Up to 25fps@704 x 576
Network	Transmission Speed	Up to 100 Mbps	
	Max. Remote Users	20 Simultaneously	
	Protocol Support	RTP/UDP, RTP/Multicast, RTSP, TCP/IP, DHCP, DNS, DDNS, HTTP, SMTP, FTP, PPPoE and NTP	
	Video Analytics	Object Detection (Appear/ Disappear), Motion Detection	
Security	Password Protection	5 User level	
Monitor	Output	1 BNC (560TV lines)	
Audio	Input	1 Line / MIC in, Mono, 1 Vpp, 5.6K ohm	
	Output	1 Line out, 1 Vpp	
	Compression	ADPCM	
	Sampling Rate	8 KHz	
Alarm	Inputs	Terminal 1 input, NO/NC	
	Outputs	Terminal 1 output, NO/NC	
	Remote Notification	Via E-mail, Single or continuous FTP transmission	
Connections	Ethernet	RJ-45 10/100 Base-T	
	OSD Control Interface	RS-485	
Storage	SD(SDHC) Memory	Store and Back-up events	
Input Voltage		Dual (12V DC/ 24V AC), PoE (IEEE 802.3af)	
Power Consumption		Max. 8.5 W	approx. Max. 8.5 W
Operating Temperature		-10°C ~ +50°C	
Operating Humidity		30% ~ 80% RH	
Dimension (W x H)		Ø 132.4 x 144.2 mm (Ø 5.28" x 5.68")	
Weight		approx. 900 g (1.98 lb)	
Certifications		FCC (Class A), cUL	CE (Class A)

Dimensions

Unit : mm

Ø132.4mm
144.2mm
Ø96mm
Ø132.4mm

Design and specifications are subject to change without notice.

Intelligence,
Convenience

At the Edge of your Network

SND-560

High-Quality, Intelligent Network Dome Camera

· Supports Dual Codec (MPEG-4/JPEG)
· Delivers full resolution video at 30fps in real time.
· Real-time multi-channel streaming at different resolutions
· Intelligent video analytics (Appearance/Disappearance of objects)
· Ultra low light levels of 0.3 Lux, 2.8 ~ 10 mm vari-focal lens

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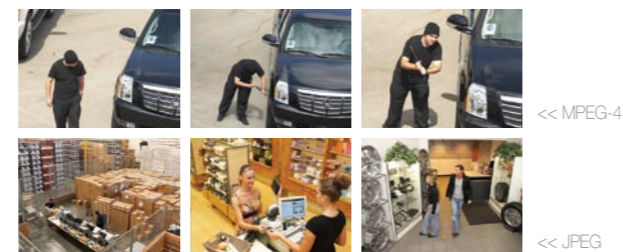I.D-0902

www.samsungipolis.co.kr

Video Analytic Monitoring
Intelligent Network Dome Camera
SND-560

Multi-channel Streaming, Intelligent Video

Embedded with the advanced network software and the SV-IV DSP chip developed by Samsung Techwin, you can ensure the best performance and the highest video quality is at the edge of your network.
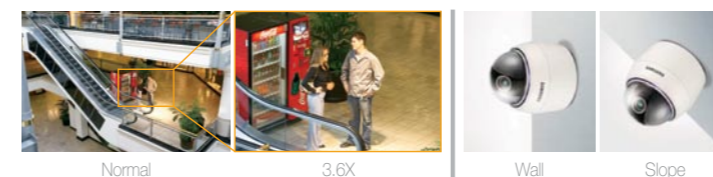
MPEG-4/JPEG Dual Codec, Full Resolution Image Transfer at 30fps

Dual MPEG-4/JPEG

The SND-560 employs a proprietary MPEG-4/JPEG dual codec technology that delivers a high ratio of data compression with superior image clarity. It can transfer full resolution video at 30fps in real time.
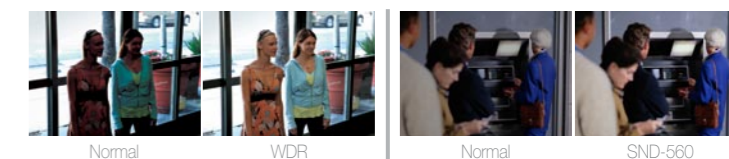
<< MPEG-4

<< JPEG

Real-time Multi-format Streaming

D1 CIF Multi-Stream QCIF

The SND-560 can process up to 6 different streams simultaneously in real-time.

Network Camera

MPEG-4 — D1 / CIF / QCIF
JPEG — D1 / CIF / QCIF

Intelligent Video Analytics

Object Detection

When an object appears or disappears from an area that is selected, an event is triggered notifying the Central Monitoring Software (CMS) and recording servers and the events are stored locally on the SD Memory card in the device.

Disappear Detection

Vari-focal Lens and Easily Installable 3-axis Dome Mechanism

3.6X V/F Lens　**3-Axis**

Embedded with a 2.8~10 mm vari-focal lens, this camera provides an optimal monitoring range.
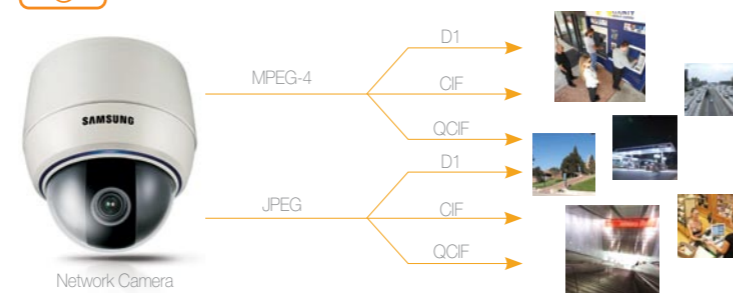The camera's 3-axis gimble enables for easy installation in any location.
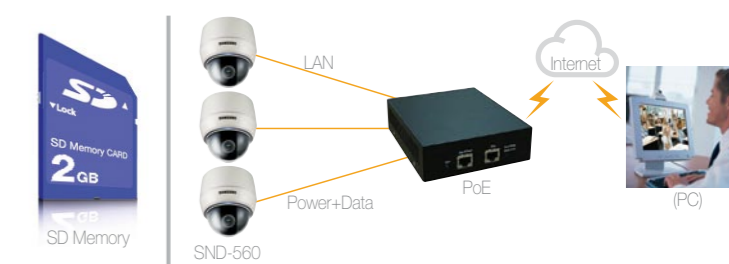
Normal　　3.6X　　Wall　　Slope

Powerful CMS Support

128

The SND-560 is supported by the powerful video management software. By using the multi-monitor feature, users can view up to 128 live channels simultaneously and manage playback, events and mapping features with a click of a mouse.

128x WDR Backlight Compensation, Superior Image Clarity

WDR 128X　**0.3Lux**

The SND-560 uses the 4th generation DSP SV-IV WDR chipset to deliver 560TV lines resolution in color, 128x improved WDR backlight compensation, filter-switching ICR Day & Night, SSNRII 3D noise reduction, and ultra low light levels of 0.3 Lux. This camera guarantees crystal clear video quality 24/7.

Normal　　WDR　　Normal　　SND-560

SD Memory Storage and PoE Support

SD Memory　**PoE**

The SND-560 features an internal SD Memory card slot to store events and Power over Ethernet (PoE) to supply power and data via LAN cable.

SD Memory CARD 2GB

SD Memory　　SND-560　　LAN　　Power+Data　　PoE　　Internet　　(PC)

Olympic Optics