

3.0 Megapixel Camera, 2048x1536,
D/N, AI



FEATURES

- Auto Backlight Compensation and Auto Multi-Matrix White Balance
- Programmable Resolution, Brightness, Saturation, Gamma, Sharpness, Tint
- Video motion detection and pre/post-alarm buffer
- Easy Network Setup such as UPnP function, DDNS
- Bidirectional Audio Support

SUMMARY

The SNC-M300 offers cinema compatible frame rates to allow real time high definition digital video surveillance with 6 times the resolution of the best analogue surveillance cameras.

The SNC-M300 supports compliant Power-over-Ethernet (POE) and auto-iris control functionality. The camera delivers full motion HDTV progressive scan resolution and is priced comparably to analogue video cameras.

SNC-M300 surveillance system has the ability to zoom after the event from high resolutions digital archives and the simultaneous viewing of zoomed and full field of view images.

The latest IP camera model from Samsung Electronics provides dual codec MPEG4 and MJPEG, dual stream, video motion detection and pre/post-alarm.

As a stand-alone camera, the SNC-M300 integrates seamlessly on camera storage.

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SPECIFICATIONS

Image Sensor	3.0 Megapixel CMOS
Image Size	1/2"
Pixels - total	2048(H) x 1536(V)
Pixel Pitch	3.2 µm
S/N Ratio	42 dB
Sensitivity	2 lux @ F1.4
Lens Drive Type	Manual iris
Lens Mount	C/CS mount
Operating System	Embedded Linux
Client OS	Win 2000 / XP / VISTA
Web Browser	MS Internet Explorer 5.0 (or higher)
Video Compression	MPEG4, MJPEG, Dual Encoding
Audio Compression	ADPCM
Network Protocol	TCP, UDP, NTP, HTTP, DHCP, FTP, SMTP
Network	100 Base-TX Ethernet
Network Streaming	TCP, UDP (Unicast, Multicast)
UPnP	Supporting Auto Network Configuration
DDNS	Supporting Samsung DDNS and Public DDNS servers
Video Resolution	QXGA (2048x1536), UXGA (1600x1200), SXGA (1280x1024)
Frame Rate	3 Megapixel: 12, 6, 3, 1 fps, 2 Megapixel: 19, 10, 5, 1 fps, 1.3 Megapixel: 25, 13, 6, 1 fps
Connection Users	Multicast max. 5 Users Unicast max. 10 Users
Alarm Inputs	2
Alarm Outputs	2
Alarm Event	Alarm Input, Motion Detection or Schedule: Image transfer FTP, E-mail
IP Installer	IP Address Installation Function (Win XP, VISTA & 2000 support)
Firmware Upgrade	Firmware upgrade by Web Browser
Login Access Level	Guest, Administrator, User
Dynamic IP Notify	SMTP(E-mail), FTP
Time Setting	Setting by NTP Server local or internet
Recording	SD-Card MJPEG / 1 image per second max.



AASSET Security GmbH

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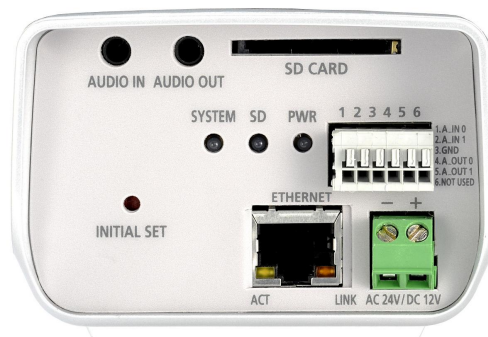


SPECIFICATIONS

HTTP API	Provides functionality to control cameras and set/retrieve internal parameter values.
Windows API	ActiveX components for viewing streams from video camera.
Input/Output sockets	Power(2-Pin Term), RJ-45, SD Card Slot, Terminal 6Pin(Alarm In 2Pin, Alarm Out 2Pin, GND ,Day/night In)
Operating Temperature	0°C ~ +50°C
Humidity	less than 85%
Power over Ethernet	Compatible with IEEE 802.3 POE equipment
Supports	up to 16 GB capacity of SDHC memory
Supply Voltage	12 VDC / 24 VAC / PoE
Power Consumption	8 W
Weight	0.43 kg
Dimensions w*h*d	147 x 60.9 x 83 mm



REAR VIEW



Design and specifications are subject to change without notice

Status 09/2008

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Network load

3. SNC-M300 Mega Pixel IP Camera

► NTSC & PAL

Image Resolution	Image Quality	MPEG4		MJPEG	
		Data Size (Mbps)	Data Size (Mbps)	Image size (KB)	
QXGA (3M) (2048 x 1536) 12fps	Very High		16.8	300	
	High		12.8	200	
	Normal		12.2	170	
	Low		11.2	140	
	Very Low		9.9	120	
UXGA (2M) (1600 x 1200) 19fps	Very High		18.2	190	
	High		17.3	135	
	Normal		15.8	110	
	Low		13.7	95	
	Very Low		11.1	77	
SXGA (1.3M) (1280 x 1024) 25fps	Very High		21.3	140	
	High		16.8	100	
	Normal		15.6	85	
	Low		14.0	73	
	Very Low		11.2	56	
VGA (640x480)	Very High	6.0			
	High	4.0			
	Normal	3.0			
	Low	1.0			
	Very Low	0.5			

