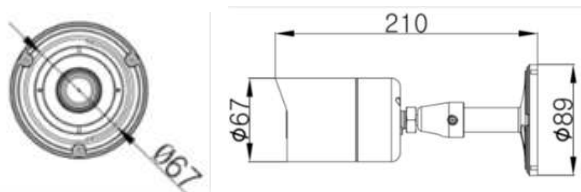


# SVNN-M4S51R



## Dimensions



## Product Summary

- 2.0 Mega pixel 1/2.8" SONY progressive scan CMOS image sensor for excellent image quality
- 3mm wide view MP lens
- Low light, Ultra high sensitivity camera
- High Temperature useful
- Dual Streaming of H.264 and M-JPEG
- Up to 30 frames per second at all image resolutions
- Supports image resolutions up to 2MP
- Integrated motion detection with pre- and post-alarm image/video buffering
- Supports WDR, Defog, 2D+3DNR, Smart IR
- Supports CBR (constant bit rate) and VBR (variable bit rate) modes
- Controllable frame rate
- Privacy Masking up to 4 areas
- Integrated HTTP Web server supporting 8 simultaneous user connections
- Conformant with ONVIF (Profile-S)
- Includes Windows based IP Installer and license-free 16 channel NVR(Network Video Recorder) software

## Major Specifications

\* OSD Menu is subject to change without prior notice

Model Name		SVNN-M4S51XR
System	CPU	ARM1176JZF-STM ( 400 MHz, Instruction cache: 32kbyte, data cache: 16kbyte, MMU )
	Flash	2Gbit Flash memory
	SDRAM	2Gbit DDR3 memory
Camera	Image sensor	2.0 Megapixel 1/2.8" Progressive scan CMOS
	Total Pixels	1945(H) x 1109(V) 2.16 Megapixel
	Effective Pixels	1945(H) x 1097(V) 2.13 Megapixel
	S/N Ratio	More than 50dB
	Min. Illumination	0 Lux (IR On)
	IR Distance	40M (4 Built-in Power LED's)
	Day & Night	ICR
Video	Lens	3mm / F1.5 STARVIS Megapixel Lens (Option 6mm)
	Video compression	H.264 High profile @Level 4.0, Motion JPEG
	Resolutions	Up to 1920 x 1080 2MP
	Frame rate	Dual Stream 1st stream: H.264 Up to 30fps with 1920x1080P 2nd stream: MJPEG Up to 30fps with VGA resolution
	Video streaming	H.264 High Profile@4.1, MJPEG -Image quality: 3 Steps VBR/CBR in H.264
	Corridor view	Corridor view (90degree/ 270degree)
System Integration	Image Setting	Brightness, contrast, Sharpness / Day & Night / Auto White Balance, Auto Exposure / Privacy Mask, Defog / DSS, DSS, 2DNR(On/Off), 3DNR(On/Off)
	Security	Password Protection, User access log, HTTPS encryption
	Supported protocol	HTTP, HTTPS, DNS, RTSP, RTP, TCP, UDP, ICMP, DHCP
	Intelligent video	User set 12x12 ROI(Region of Interest), 5 Step Sensitivity.
	Alarm events	Motion detection.
	Video buffer	None
	Firmware upgrade	Remote upgrade via network
Physical	API	CGI Interface document, ActiveX Interface(ocx(dll) + document)
	Memory Slot(Optional)	Save to Micro SD card with event mode and continuous mode
	Power Source	DC12V/1.5A, PoE(Power over Ethernet): 802.3af
	Power Consumption	Max. 5W with IR ON
	Net Weight	415g
	LED's	Power, Network Connection
General	Dimension	67mm(Dia. Ø) x 104mm(H)
	Operating Temperature	-20 degree~80 degree Celsius(14F~176F)
Software	Storage Temperature	-30 degree~60 degree Celsius(-4F~140F)
	Included Software	NVR C/S (16 Channel), IP Installer (Windows only)