VNFM4S51XR

2 Megapixel Marine IR Dome IP Camera

ONVIF S

Full HD 1080 | WDR | PoE | 2D/3D DNR | Low Light | De-FOG | 3 - Axis
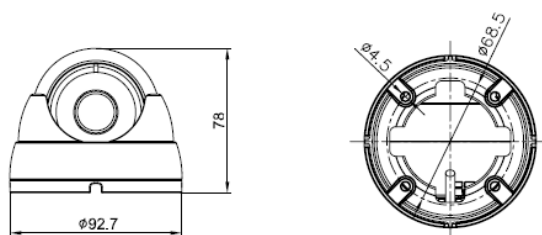
Key Features

- 2.0 Mega pixel 1/2.8" SONY progressive sc an CMOS image sensor for excellent image quality
- 3mm wide view MP lens (6mm ; option)
- 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

Dimensions (Unit :mm)

Specifications

MODEL	VNFM4S51XR
System	
CPU	ARM1176JZF-STM (400 MHz, Instruction cache: 32kbyte, data cache: 16kbyte, MMU)
Flash	2Gbit Flash memory
SDRAM	2Gbit DDR3
Camera	
Image sensor	2.0 Mega 1/2.8" SONY 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	30M (4 Built-in Power LED's)
Day & Night	ICR
Lens	3mm / F1.5 STARVIS Megapixel Lens (Option 6mm)
Video	
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)
Image setting	Brightness, contrast, Sharpness Day & Night Auto White Balance, Auto Exposure Privacy Mask, Defog DSS, DSS, 2DNR(On/Off), 3DNR(On/Off)
System Integration	
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
API	CGI Interface document, ActiveX Interface(ocx(dll) + document)
Physical	
Memory Slot(Option)	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	520g
LED's	Power, Network Connection
Dimension	92.7mm(Dia. Ø) x78mm(H)
General	
Operating Temperature	-20 degree~80 degree Celsius(14F~176F)
Storage Temperature	-30 degree~60 degree Celsius(-4F~140F)
Software	
Included Software	NVR C/S (16 Channel), IP Installer (Windows only)

* Specifications are subject to change without prior notice.