VNMP-2N66E

CAMERA	
Image Sensor	1/2.8” Sony CMOS Sensor, IMX307
Total Pixels	1945 (H) x 1109 (V) = 2.16 MP
Active Pixels	1920 (H) x 1080 (V) = 2.07 MP
Scanning Mode	Progressive Scan
Minimum Illumination	Color: 0.1 Lux | B&W: 0.01 Lux
S/N Ratio	More than 50dB (AGC off)
LENS & IR LED	
Lens Type	Fixed Pinhole Lens
Focal Length	3.6mm
Aperture Ratio	F2.0
IR LED	-
CAMERA FUNCTIONS	
Wide Dynamic Range	DOL HDR (Digital Over Lab High Dynamic Range)
Day and Night Mode	Automatic, Day, Night
Noise Reduction	3D-NR
Auto Exposure Mode	Automatic, Manual
Shutter Speed Control	1/30,000 – 1/30 sec (Automatic / Manual)
Gain Control	0dB – 69dB (Automatic / Manual)
Auto White Balance	Auto, Outdoor, Shade, Clear sky, Fluorescent light, Light Bulb, Manual
Digital Zoom	Up to 8x
OSD	On / Off
BLC	On / Off
HLC	On / Off
Image Effect	Mirror, Flip
Privacy Mask	Up to 8 Areas Selection
Tamper	On / Off
Video Motion Detection	Up to 4 Areas Selection
Lens Distortion Compensation	On / Off
NETWORK	
Video Compression	H.264 / H.265 / MJPEG
Video Resolution	1920 x 1080, 1280 x 960, 1280 x 720, 640 x 480, 640 x 360, 320 x 240
Video Frame Rate	1920 x 1080 @ up to 30 fps
Video Streaming	Simultaneously H.265, H.264, MJPEG | Independent Frame Rate and Bandwidth Control | VBR / CBR Mode
Audio Streaming	Two way (G.711)
FTP Uploading	MJPEG Still Image
Event In	Onboot / Trigger / Network Loss / Tampering / Motion
Event Out Notification	Email, FTP
Login Authority	Administrator, Operator, Guest
Event Buffering	FTP: Pre / Post Event Time: 0 – 30 sec, FPS: 1 – 2 fps
Manual Trigger	Still Image Capture
Security	Multi User Authority, IP Filtering, HTTPS
Network Time Sync	Synchronize Computer / NTP Server, Manual
Software Reset	Restart, Reset, Factory Default
Auto Recovery	Backup, Restore
Remote Upgrade	Using Web Browser
Protocols	TCP/IP, UDP, IPv4, IPv6, HTTP, HTTPS, FTP, UPnP, RTP, RTSP, TRCP, DHCP, ARP, Zeroconf, Bonjour, SNMP
Client Software	Built in Web, ONVIF Compatible 3rd Party VMS
Max User Connection	10 Users
Ethernet Tx / Rx	RJ-45 (10/100 Base-T)
GENERAL	
Power Source	DC 12V (+/-) 10%, PoE IEEE802.3af, Class3
Power Consumption	210mA
Operating Temperature	-10°C – +50°C / 0% – 90% RH
Dimension	36mm (H) x 36mm (W)