



1/2.8 CMOS 5 Megapixel Full HD IP Col/B&W Camera, H.264, Motorized Lens

- 5 Megapixels CMOS, Colour/B&W Camera
- H.264 & MJPEG compression modes (max. 20 fps)
- SD memory card slot for alarm image recording
- Bidirectional Audio Support
- Power Input AC24V/DC12V and PoE

SNV-8080P

Technical Specifications

Image Sensor	6 Megapixel CMOS\
Scanning System	Progressive
Frame Rate	25fps, 20 fps with 5MP/H.264, all resolutions, 3M mode: Max. 20fps at all resolutions\
Col/B	On/Off/Auto, IR-cut filter removable (ICR)
Sens up	Off ~ x60, auto
Sensitivity Colour	1 lux @ F1.2 (50IRE)
Sensitivity B/W	0.08 lux @ 50IRE F1.2
Focal Length	3.6 ~ 9.4 mm
Viewing Angle Tele	104.0°(H) ~ 39.2°(V)
Pixels - Total	2144(H) x 1588(V), 3.40M pixels
Pixels - Effective	2096(H) x 1561(V), 3.27M pixels
Number of Privacy Zones	1ea 4 point polygonal + 16ea rectangular zones
High Speed Shutter	1/30 ~ 1/30.000 sec, auto
Intelligent Video Analytics	Scene change detection, masking of the camera lens, Motion /Moved-Fixed Objects /Fence /Enter-Exit Area
Digital Noise Reduction	On/off 2D/3D Noise Filter (SSNRIII)
Viewing Angle Wide	75.2°(H) ~ 29.3°(V)
S/N Ratio	50 dB
Wide Dynamic Range	On/Off (2M mode only)
Camera ID	15 character, On / Off
White Balance	ATW, Manual, AWC, Indoor, Outdoor
Lens Drive Type	Auto Iris (DC)
BLC Back Light	Off / BLC
Video Outputs	1x CVBS (1Vpp), BNC
Operating System	Embedded Linux
Client OS	Windows® XP; Windows® VISTA; Windows® 7; Mac OS® X
Web Browser	MS Internet Explorer 6.0 (or higher), Firefox, Google Chrome, Safari
Video Management Software	Samsung CMS S/W, 3rd party S/W application
Alarm Inputs	1
Alarm Outputs	1
Video Compression	H.264 / MPEG-4 / MJPEG, multiple codec
Network Protocol	IPv4: TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTSP, NTP, HTTP, HTTPS, SSL, DHCP, FTP, SMTP, ICMP, IGMP, SAP SNMPv1/v2c(MIB-2), ARP, ONVIF

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Technical Specifications

Audio Compression	G.711 u-law, Bi-Directional
Network Streaming	TCP, UDP (Unicast, Multicast)
Maximum User Access	Max. 10 users
Login Access Level	Guest, Administrator, User
Time Setting	Setting by NTP Server local or internet
Security	HTTPS(SSL) Login Authentication Digest Login Authentication, IP Address Filtering
DDNS	Supporting Samsung DDNS and Public DDNS servers
Alarm Event	Alarm Input, Motion Detection or Schedule: Image transfer FTP, E-mail, recording on SD-card
Input/Output sockets	Video Out(BNC), Power(2-Pin Term), RJ-45, SD Card Slot, Terminal 5Pin(Alarm In 1Pin, Alarm Out 1Pin, Alarm COM, GND), Audio Out, Audio In
SD memory	SD/SDHC/SDXC
Material	Aluminium
Protection Rating	IP66 / IK10
Operating Temperature	-40°C ~ +55°C
Humidity	less than 90%, non condensing
Supply Voltage	24 Vac / 12 Vdc / PoE (IEEE 802.3af)
Power Consumption (W)	14,2
Weight	0.980 kg - 2.16 lbs
Dimensions	Ø 160 x 118.5 mm - 6.3 x 4.67 In