



Network Megapixel Dome IR Camera Technical Manual

SNDI-813V



Key Features

- Up to 1.3 megapixel (1280 × 960) resolution
- Standard video compression with high compression ratio
- Progressive scan CMOS, capture motion video without incised margin
- Support dual stream, and the sub-stream for mobile surveillance
- High-performance and long service life Infrared LED, Approx. 10 to 30 meters IR range
- IR cut filter with auto switch
- Two-way audio
- PoE (Power over Ethernet)
- Ingress Protection level: IP66
- Auto-iris, electronic shutter for different surveillance environments
- Impact Protection: IEC60068-2-75 test, Eh, 50J; EN50102, up to IK10
- Other functions: heartbeat, alarm, reset button, mirror, etc.

Specification

Model	SNDI-813V
Parameter	1.3 Megapixel CMOS ICR Infrared Network Bullet Camera
Camera	
Image Sensor	1/3" Progressive Scan CMOS
Min. Illumination	0.01Lux @ (F1.2, AGC ON) ,0 Lux with IR 0.028 Lux @ (F2.0, AGC ON) ,0 Lux with IR

Shutter Speed	1/25 s to 1/100,000 s
Lens	6mm@ F2.0, Angle of view:45.3° (2.8mm、4mm、12mm optional)
Lens Mount	M12
Day &Night	IR cut filter with auto switch
Digital Noise Reduction	3D DNR
Angle Adjustment	Pan:0° - 355°, Tilt: 0° - 65°
Compression Standard	
Video Compression	H.264/ MJPEG
H.264 Type	Main Profile
Video Bit Rate	32 Kbps – 16 Mbps
Dual Stream	Yes
Image	
Max. Resolution	1280 x 960
Frame Rate	50 Hz: 25 fps (1280 × 960), 25 fps (1280 × 720) 60 Hz: 30 fps (1280 × 960), 30 fps (1280 × 720)
Image Settings	Saturation, Brightness, Contrast adjustable by client software or web browser
Backlight compensation	Yes, zone optional
Network	
Network Storage	NAS (iSCSI optional)
Alarm Trigger	Motion detection, Tampering alarm, Storage exception
Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP,UPnP, ICMP,IGMP,SNMP, FTP, 802.1x, QoS, HTTPS (SIP,SRTP,IPv6 optional)
Security	User Authentication
Standard	ONVIF, PSIA, CGI
Interface	
Communication Interface	1 RJ45 10M/100M Ethernet interface
Reset Button	Yes
General	
Operating Conditions	-10 °C – 60 °C (14 °F – 140 °F) Humidity 95% or less (non-condensing)
Power Supply	12 V DC ± 10% PoE (802.3af)
Power Consumption	Max. 5 W

Ingress Protection level	IP66
IR Range	Approx. 10 to 30 meters
Impact Protection	IEC60068-2-75Eh, 50J; EN50102, up to IK10
Dimensions	$\Phi 111 \times 82$ (4.4" \times 3.2")
Weight	500g (1.1 lbs)

Order Models

SNDI-813V

Dimensions

