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DIGITAL SURVEILLANCE SYSTEMS

AI 5M IP Remote Header Camera

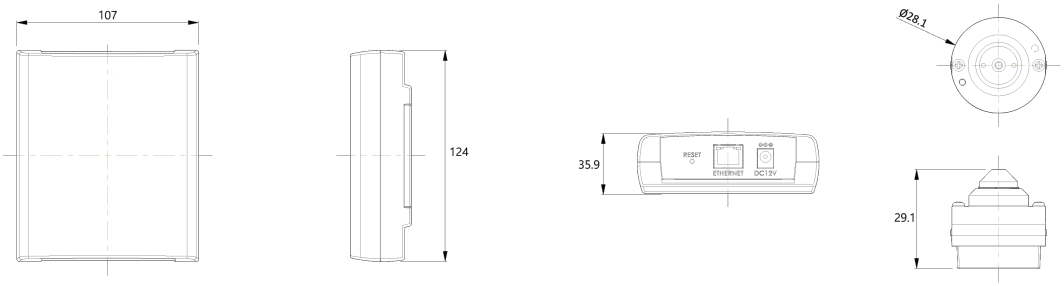
NST16-75L

Features

- 5MP AI Camera
- Supports Intelligent Video Analysis Events (Face Recognition/Line Crossing/Intrusion/Queue Management..)
- Maximum Resolution 2592 (Horizontal) X 1944 (Vertical) / 30fps
- Horizontal Field of View 88 degrees (3.7mm Lens)
- Backlight Compensation (WDR)
- SD/SDHC/SDXC Memory Slot
- Adjustable Lens Position
- PoE IEEE 802.3af/Class3



Dimension (mm)



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Specification

Video	
Image Sensor	1/2.8” 5.17M(STV2) CMOS
Channels	1
Total Pixel	2608(H) X 1984(V)
Max Resolution	2592(H) X 1944(V)
MIN. Illumination	COLOR: 0.13Lux
Only installer Video Output	No
S/N(signal/noise) Ratio	50dB
Scanning Mode	Progressive Scan

Lens	
Focal Length	3.7mm
Aperture	F2.5
Lens Type	Fixed
IRIS Type	Auto Exposure
Horizontal Angle	D : 115°, H : 87.6, V : 61.6°
Pan / Tilt / Zoom	Zoom :Fixed

Operational	
Shutter Speed	Auto / Manual (1/15 ~ 1/32000)
Auto Gain Control (AGC)	Auto
Day & Night	S/W Day & Night
Digital Noise Reduction	3D DNR
Wide Dynamic Range (WDR)	WDR(2x)
Dynamic Range	120dB or above
LEDs	Non-IR
LED Distance	No
Privacy Zone	Yes
Function	Motion-Detection LDC Mirror&Flip Auto White Balance

Intelligent Video Analytic	
AI Intelligent Video Analytic	Yes
Video analytics	Intrusion Detection Zones&lines Tamper Detection Appear Filter Disappear Filter Dwell Filter Enter Filter Exit Filter Stopped Filter Counting Counting Lines Object Color Direction Filter Logical Rules Tailgating Filter DL People Tracker DL Object Tracker Metadata

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Encoder (video & audio)	
Video Compression	H.264 H.265 MJPEG
Support Resolution	H.265 : 2592x1944/2560x1440/1920x1080/1280x720/800x600/704x576/704x480/640x480/640x360/352x288/352x240 H.264 : 2592x1944/2560x1440/1920x1080/1280x720/800x600/704x576/704x480/640x480/640x360/352x288/352x240 MJPEG : 1920x1080/1280x720/800x600/768x432/704x576/704x480/640x480/640x360/352x288/352x240
Intelligent Codec	Yes
Multiple Profile Streaming Performance	Triple Streaming(3rd Only MJPEG)
Video BitRate	100Kbps~10Mbps
Bitrate Control	Multi Streaming CBR/VBR at H.264,H.265 (Controllable frame rate and Bandwidth)
Video Bitrate extra comment	Multi-rate for Preview and Recording
Audio Compression	No
Special Feature	Dynamic ROI(Region of Interest)

I/O & Event	
Audio In / Out	1 Line Input[1.0Vrms, 3K ohm]/1 Line Output
Alarm In / Out	1 Line/1 Line
Mic	No
Event Trigger	Motion Alarm Network Disconnection Temperature Critical Illegal Login Schedule Sensor Detection
Event Notification	FTP E-Mail SD Card

Network	
Ethernet	RJ45 (10/100Base-T)
Protocol	TCP/IP UDP AutoIP RTP(UDP/TCP) RTSP NTP HTTP HTTPS SSL DNS DDNS DHCP FTP SMTP ICMP SNMPv1/v2/v3(MIB-2) ONVIF
Security	HTTPS(SSL) IP filtering 802.1x Digest Authentication
Application Programming I/F	CGI API ONVIF
Web viewer	MS Edge® Google Chrome®
Support languages	English Korean Japanese
Edge storage	Micro SD Micro SDHC Micro SDXC
SD Card Socket	1

Electrical	
Power Requirement	Adaptor is not included DC12V PoE IEEE 802.3af Class3
Power consumption	DC Max: 4.2W(0.35A) PoE Max: 5.28W(0.11A)

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Environmental	
Operating Temperature	-10℃ ~ 50℃
Cold Start	No
Operating Humidity	10-90% RH(Non-Condensing)
Vandal Proof Casing	No
IP Rating	No
Other Certification	FCC CE ROHS UL

Mechanical	
Housing Model	ST16
Housing	Indoor Specialty
Material	Plastic
Color	White
Dimensions (W x D x H)	107mm(Main)/28.1mm(Sensor) 124mm(Main)/29.1mm(Sonsor)
Weight	224g(Main)/84g(Sensor)