CPRO
DIGITAL SURVEILLANCE SYSTEMS

2M IP Pinhole

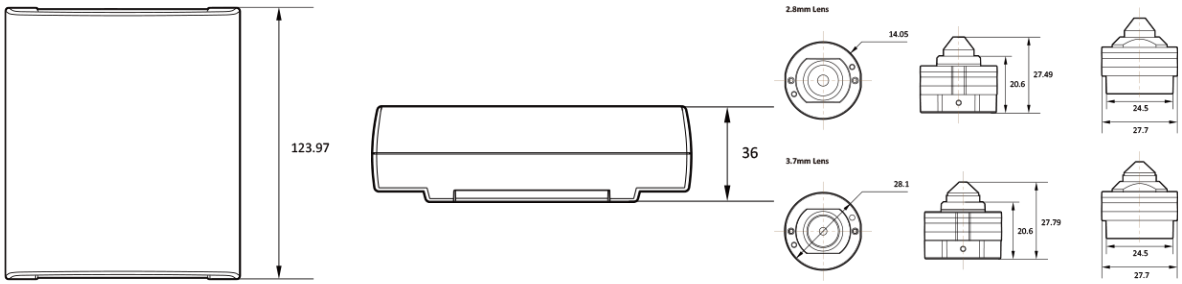
NST9-52

Features

- 2MP camera
- Maximum resolution 1920 (horizontal) X 1080 (vertical) / 30fps
- Horizontal angle of view 107 degrees (2.8mm), 82 degrees (3.7mm) / Pinhole fixed lens options
- Backlight compensation (WDR)
- SD/SDHC/SDXC memory slot
- PoE IEEE 802.3af/Class3
- 6-meter sensor module



Dimension (mm)



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Specification

Video	
Image Sensor	1/2.8” 2.1M CMOS
Channels	1
Total Pixel	1945(H) X 1109(V)
Max Resolution	1920(H) X 1080(V)
MIN. Illumination	COLOR: 2.8mm : 0.065Lux, 3.7mm : 0.094Lux
Only installer Video Output	No
S/N(signal/noise) Ratio	50dB
Scanning Mode	Progressive Scan

Lens	
Focal Length	2.8mm 3.7mm
Aperture	2.8mm, F2.2 | 3.7mm, F2.5
Lens Type	Fixed
IRIS Type	Auto Exposure
Horizontal Angle	D:123.9°, H:106.6°, V:55.7° (2.8mm) | D:98.2°, H:81.8°, V:41.2° (3.7mm)
Pan / Tilt / Zoom	Zoom :Fixed

Operational	
Shutter Speed	Auto / Manual (1/15 ~ 1/32000) Anti-Flicker Slow Shutter(1/2,1/3,1/5,1/6,1/7.5, 1/10)
Auto Gain Control (AGC)	Auto
Day & Night	No
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 Mirror&Flip

Intelligent Video Analytic	
AI Intelligent Video Analytic	No

Encoder (video & audio)	
Video Compression	H.264 H.265 MJPEG

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Encoder (video & audio)	
Support Resolution	H.265 : 1920x1080/1280x720/640x480/352x288/352x240 H.264 : 1920x1080/1280x720/640x480/352x288/352x240 MJPEG : 1920x1080/1280x720/800x600/640x480/768x432/704x576/704x480/352x288/352x240
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	No
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 Alarm Out 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®
Video management software (VMS)	Yes
Support languages	English Korean Japanese Russian
Edge storage	Micro SD
SD Card Socket	1

Electrical	
Power Requirement	Adaptor is not included DC12V PoE IEEE 802.3af Class3
Power consumption	DC Max: 3.6W PoE Max: 4W

Environmental	
Operating Temperature	-20℃ ~ 50℃
Cold Start	No

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Environmental	
Operating Humidity	10-90% RH(Non-Condensing)
Vandal Proof Casing	No
IP Rating	No
Other Certification	FCC CE ROHS UL KC

Mechanical	
Housing Model	ST9
Housing	Indoor Specialty
Material	Plastic
Color	White
Dimensions (W x D x H)	107mm 124 mm 36 mm
Weight	0.42kg