CPRO
DIGITAL SURVEILLANCE SYSTEMS

AI 5M+Thermal IP IR Bullet

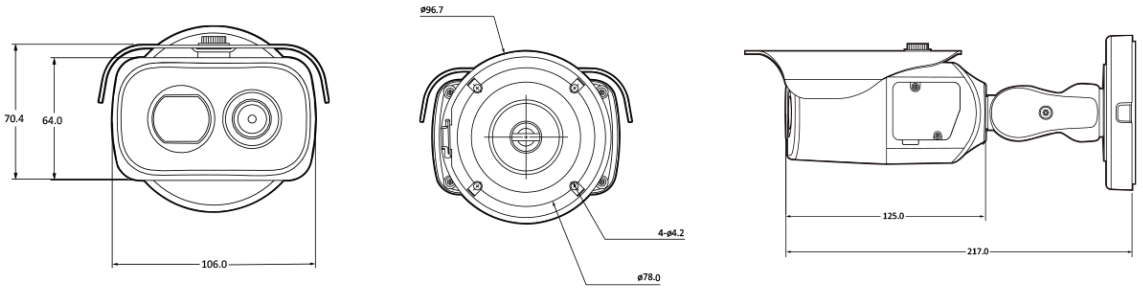
NBM3-75-RT

Features



- 5MP + 76.8K Dual Thermal AI Camera
- Supports Intelligent Video Analysis Events (Line/Intrusion/Queue Management)
- Maximum Resolution 2592 (Horizontal) X 1944 (Vertical) / 30fps + 320 (Horizontal) X 240 (Vertical) / 9fps
- Horizontal Field of View 82 degrees + 56 degrees / Fixed Lens
- Day & Night(ICR)/IR Visibility up to 25 meters
- Backlight Compensation (WDR)
- Uncooled VOx 12-micron Thermal Sensor
- Temperature Measurement Range -40°C to 330°C
- Detection/Recognition/Identification Range 333m/83m/48m
- Color Temperature Display Support
- SD/SDHC/SDXC Memory Slot
- PoE IEEE 802.3af/Class3
- IP66/IK09
- Built-in Heater

Dimension (mm)


70.4
64.0
106.0
ø96.7
4-ø4.2
ø78.0
125.0
217.0

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Specification

Video	
Image Sensor	5.69M(Visible) + 76.8K(Thermal) CMOS
Channels	1
Total Pixel	2704(H) X 2104(V) + 320(H) X 240(V)
Max Resolution	2592(H) X 1944(V) + 320(H) X 240(V)
MIN. Illumination	COLOR: 0.16Lux BW: 0Lux with IR
Only installer Video Output	1 [CVBS 1.0V p-p (75Ω)]
S/N(signal/noise) Ratio	50dB
Scanning Mode	Progressive Scan

Lens	
Focal Length	4.0mm + 4.0mm
Aperture	F 2.0 + F1.0
Lens Type	Fixed
IRIS Type	Auto Exposure
Horizontal Angle	H : 82.3°, V : 58.8° + H : 56°, V : 42°
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	TDN (True Day & Night)
Digital Noise Reduction	3D DNR
Wide Dynamic Range (WDR)	WDR(2x)
Dynamic Range	120dB or above
LEDs	H2IR
LED Distance	80ft(25m)
Privacy Zone	Yes
Function	Motion-Detection 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	5M +Thermal H.265 : 2592x1944/2560x1440/1920x1080/1280x720/800x600/704x576/704x480/640x480/640x360/352x288/352x240 + 640x480/320x240 H.264 : 2592x1944/2560x1440/1920x1080/1280x720/800x600/704x576/704x480/640x480/640x360/352x288/352x240 + 640x480/320x240 MJPEG : 1920x1080/1280x720/800x600/768x432/704x576/704x480/640x480/640x360/352x288/352x240 + 640x480/320x240
Intelligent Codec	Yes
Multiple Profile Streaming Performance	Triple Streaming(3rd Only MJPEG)
Video BitRate	100Kbps~25Mbps
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	G.711 ulaw
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 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®
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: 23.3W PoE Max: 11.6W

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Environmental	
Operating Temperature	-40℃ ~ 50℃
Cold Start	-40℃(DC ONLY)
Operating Humidity	10-90% RH(Non-Condensing)
Vandal Proof Casing	IK09
IP Rating	IP66
Other Certification	FCC CE ROHS UL

Mechanical	
Housing Model	BM3
Housing	Outdoor Bullet
Material	Aluminum-Die Casting
Color	White
Dimensions (W x D x H)	242.3mm 96.7mm
Weight	0.98kg

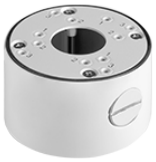
Compatible Accessories



BJC13
JUNCTION BRACKET



BJC11
JUNCTION BRACKET



BJC07
Junction Bracket



BJC01
Junction Bracket



BP01
Pole Mount Bracket



BCO01
Corner Mount Bracket