



MVP3-75-RT

FEATURES

- 5MP + 76.8K Dual Thermal AI Camerat
- 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



TECHNICAL SPECIFICATION

VIDEO

Image Sensor	5.69M + 76.8K 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	2.7~4.0mm + 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	

INTELLIGENT VIDEO ANALYTIC

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

TECHNICAL SPECIFICATION

ENCODER (VIDEO & AUDIO)

Video Compression	H.264 .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.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[1.0Vrms, 3K ohm]/1 Line
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)	DW Spectrum® IPVMS
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

TECHNICAL SPECIFICATION

ENVIRONMENTAL

Operating Temperature	-40°C ~ 50°C
Cold Start	-40°C
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

PRODUCT DIMENSION

Unit: mm

