



# MVP8-710-MSFAI

## FEATURES

- 5MP 2-Channel AI Camera
- 1 Channel Supports Intelligent Video Analysis Events (Line Crossing, Intrusion, Queue Management, etc.)
- Maximum Resolution 2592 (Horizontal) X 1944 (Vertical) per Channel / Simultaneous 2-Channel Operation at Maximum 15fps
- Horizontal Field of View 102 degrees (2.8mm), 82 degrees (4.0mm), 52 degrees (6.0mm)
- Fixed Lens Options
- Day & Night(ICR)/IR Visibility up to 18 meters
- Backlight Compensation (WDR)
- SD/SDHC/SDXC Memory Slot
- PoE IEEE 802.3af/Class3
- IP67/IK10
- Built-in Microphone



## TECHNICAL SPECIFICATION

### VIDEO

Image Sensor	1/2.8" 5.69M CMOS
Channels	2
Total Pixel	2704(H) X 2104(V)
Max Resolution	2592(H) X 1944(V)
MIN. Illumination	COLOR: 2.8mm : 0.13Lux, etc : 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	2.8mm 4.0mm 6.0mm 8.0mm
Aperture	2.8 mm, F1.8   4.0mm, F2.0   6.0mm, F2.0   8.0mm, F2.0
Lens Type	Fixed
IRIS Type	Auto Exposure
Horizontal Angle	D : 125.5°, H : 102.4°, V : 77.4° (2.8mm) /D : 106.6°, H : 82.3°, V : 58.8° (4mm) /D : 69.4°, H : 51.9°, V : 37.6° (6mm) / D : 47.9°, H : 37.8°, V : 28.2° (8mm)
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+H2IR
LED Distance	60ft(18m)
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 Tailgating Filter Color Filter Counting Lines Abandoned 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	H.265 : 2592x1944/2560x1440/1920x1080/1280x720/800x600/704x576/704x480/640x480/640x360/352x288/352x240(2ch) H.264 : 2592x1944/2560x1440/1920x1080/1280x720/800x600/704x576/704x480/640x480/640x360/352x288/352x240(x2ch) MJPEG : 1920x1080/1280x720/800x600/768x432/704x576/704x480/640x480/640x360/352x288/352x240(x2ch)
Intelligent Codec	Yes
Multiple Profile Streaming Performance	Dual 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	Mic/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, Auto IP, 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 9.9W PoE Max 11.6W



## TECHNICAL SPECIFICATION

### ENVIRONMENTAL

Operating Temperature	-20°C ~ 50°C
Cold Start	No
Operating Humidity	10-90% RH(Non-Condensing)
Vandal Proof Casing	IK10
IP Rating	IP66
Other Certification	FCC CE ROHS

### MECHANICAL

Housing Model	VM8
Housing	Outdoor Dome Multi-Sensor
Material	Aluminum-Die Casting
Color	White
Dimensions (W x D x H)	139mm 79.5mm
Weight	0.68kg

## PRODUCT DIMENSION

Unit: mm

