



Pro 

IR Flat Dome Camera

**8M HD IP WDR/TDN In/Outdoor
4.0mm IR Flat Dome Camera**

Real-time High Definition Camera

Real-time High Definition Camera Using the state of art video compression engine, real time HD video streams of 1080i/720p can be delivered for recording and monitoring. As a result, ultimate low speed without fluctuations as well as ultra high speed without jerks can be obtained.

Triple codec, Simultaneous Multi Streaming

Triple codec, Simultaneous Multi Streaming Triple H/W codec enables to transmit max 3 independent streams with different settings for different requirements. Therefore, it is possible to monitor video remotely using H.264 and transmit to Network Video Recorder as well.

Day & Night by ICR

Day & Night by ICR For increased sensitivity of image sensor efficiently, a mechanical actuator can shift infrared (IR) Cut filter to disengaged from image path automatically in the low light environment.

90° Tilting

90° Tilting The 3 axis mechanism and sophisticated bubble dome design support wider tilting angle up 90 degrees. For various applications, this provides more choices and options in installation.

FEATURES

- Weather Proof Design, Water Proof Cable
- Optimized Multiple Profile Streaming
- ROI(Region of Interest)
- Various Web Plug-in
- Smart AVC, Advanced Built in ISP
- Double Scan Sensor with Advanced Built in ISP (8M)



TECHNICAL SPECIFICATION

CAMERA

	MVP7-45-R (5MP)
Image Sensor	1/1.8" 9.17M CMOS
Resolution	3840(H) X 2160(V)
Effective Pixels	3952(H) X 2320(V)
Only installer Video Output	1 [CVBS 1.0V p-p (75Ω)]
S/N(signal/noise) Ratio	50dB
Min. Illumination	COLOR: 0.1Lux BW: 0Lux with IR
Scanning Mode	Progressive Scan

LENS

Focal Length	2.8mm 4.0mm 6.0mm
Lens Type	Fixed
IRIS Type	Auto Exposure
Aperture	F1.6
Horizontal Angle	D : 120°, H : 106°, V : 59° (2.8mm) D : 98.8°, H : 85.7°, V : 47.5° (4.0mm) D : 63.5°, H : 54.6°, V : 30.1° (6.0mm)
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(2x)
Dynamic Range	120dB or above
LEDs	H2IR
LED Distance	70ft
Privacy Zone	Yes
Function	Motion-Detection Mirror&Flip

ENCODER (Audio & Video)

Video Compression	H.264, H.265, MJPEG
H.264 Profile	H.265 : 2592x1944/2560x1440/2304x1296/1920x1080/1280x720/704x480/640x480/352x288/352x240 H.264 : 2592x1944/2560x1440/2304x1296/1920x1080/1280x720/704x480/640x480/352x288/352x240
H.265 Profile	MJPEG : 1920x1080/1280x720/800x600/768x432/704x576/704x480/640x480/352x288/352x240
Max Resolution	Yes
Multiple Profile Streaming Performance	Triple Streaming(3rd Only MJPEG)
Video Bitrate	Ye100Kbps~10Mbps
Bitrate Control	Multi Streaming CBR/VBR at H.265 (Controllable frame rate and Bandwidth)
Audio Compression	Multi-rate for Preview and Recording
Edge Storage	G.711 ulaw
Special Feature	Dynamic ROI(Region of Interest) Smart LBR

TECHNICAL SPECIFICATION

SECURITY & NETWORK

	MVP7-45-R (5MP)
Network 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
SIP/VoIP Support	SIP/VoIP
Plug In	CGI API, ONVIF
Web Viewer	Windows

CAMERA FEATURES

Support Languages	English, Korean, Japanese
Power	(Adaptor is not Included) DC12V POE IEEE 802.3af Class3
Power Consumption	DC12V Max 5.7W / PoE Max 7.2W
Temperature	-20°C ~ 50°C
Humidity	10-90% RH (non-condensing)
IP Rating	IP67
Vandal Proof Casing	IK10
Other Certification	FCC CE ROHS

MECHANICAL

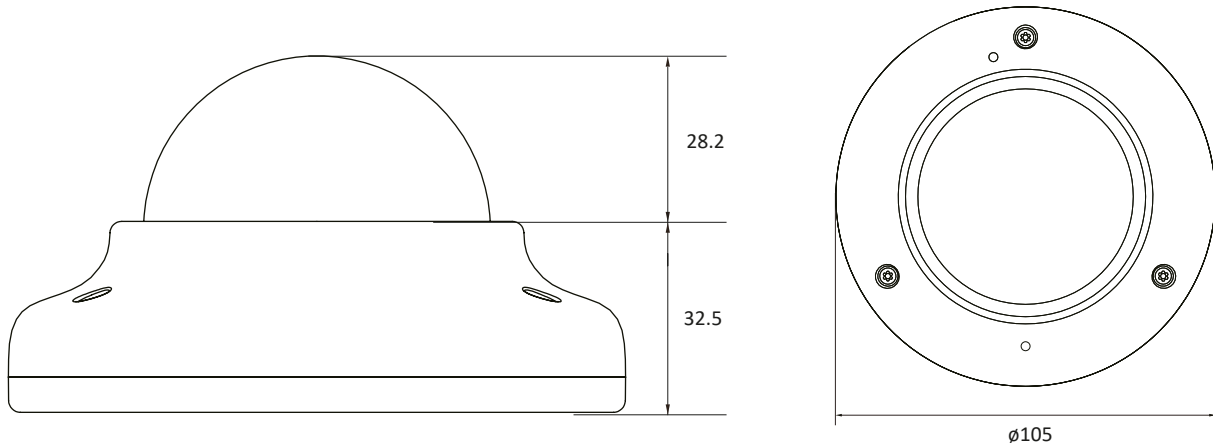
Housing Model	VD7
Housing	Outdoor Dome
Material	Aluminium Die- casting
Color	White
Weight	0.51kg
Dimension	125mm X 92mm

I/O & Event

Audio In / Out	1 Line[1.0Vms, 3K ohm]/1 Line
Alarm In / Out	1 Line/1 Line
Mic	No
Event Trigger	Motion Alarm, Network Disconnection, Temperature Critical, Illegal Login, Schedule
Event Notification	FTP E-Mail SD Card

PRO SERIES ⚙️

Dimensions



Accessories

