



Pro 

IR Motorized Varifocal Dome Camera

2.1M IP WDR In/Outdoor X4.2 IR

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

- Aspherical Dome, Fluid Integration Way
- Optimized Multiple Profile Streaming
- ROI(Region of Interest), Various Web Plug-in
- Smart AVC, Advanced Built in ISP
- Two motor MFZ(Motorized Focus Controllable) / P-Iris lens
- Double Scan Sensor with Advanced Built in ISP (2M)



TECHNICAL SPECIFICATION

CAMERA

	MVP9-45-R (2MP)
Image Sensor	1/2.8" 2.2M CMOS
Resolution	1920(H) X 1080(V)
Effective Pixels	1945(H) X 1109(V)
Only installer Video Output	1 [CVBS 1.0V p-p (75Ω)]
S/N(signal/noise) Ratio	50dB
Min. Illumination	0.02Lux 0Lux with IR (F1.4)
Scanning Mode	Progressive Scan

LENS

Focal Length	2.8~12mm
Lens Type	Motorized_Varifocal
IRIS Type	P-IRIS
Aperture	F1.4
Horizontal Angle	D:41°~113°, H:35°~96°, V:20°~51°
Pan / Tilt / Zoom	Zoom : X4.2 Optical

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	80ft
Privacy Zone	Yes
Function	Motion-Detection Mirror&Flip

ENCODER (Audio & Video)

Video Compression	H.264, H.265, MJPEG
H.264 Profile	H.265 : 1920x1080/1280x720/704x576/704x480/640x480/352x288/352x240 H.264 : 1920x1080/1280x720/704x576/704x480/640x480/352x288/352x240
H.265 Profile	MJPEG : 1920x1080/1280x720/800x600/768x432/704x576/704x480/640x480/640x360/352x288/352x240
Max Resolution	Yes
Multiple Profile Streaming Performance	Triple Streaming(3rd Only MJPEG)
Video Bitrate	100Kbps~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)

PRO SERIES 

TECHNICAL SPECIFICATION

SECURITY & NETWORK

	MVP9-45-R (2MP)
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
Application Programming I/F	CGI API, ONVIF
Web Viewer	MS Edge®, Google Chrome®

CAMERA FEATURES

Support Languages	English, Korean, Japanese
Power	(Adaptor is not Included) DC12V POE IEEE 802.3af Class3
Power Consumption	DC Max 6.5W PoE Max 8.5W
Temperature	-20°C ~ 50°C
Humidity	10-90% RH (non-condensing)
IP Rating	IP66
Vandal Proof Casing	IK10
Other Certification	FCC CE ROHS

MECHANICAL

Housing Model	VD9
Housing	Outdoor Dome
Material	Aluminium Die- casting
Color	White
Weight	0.51kg
Dimension	125mm X 92mm

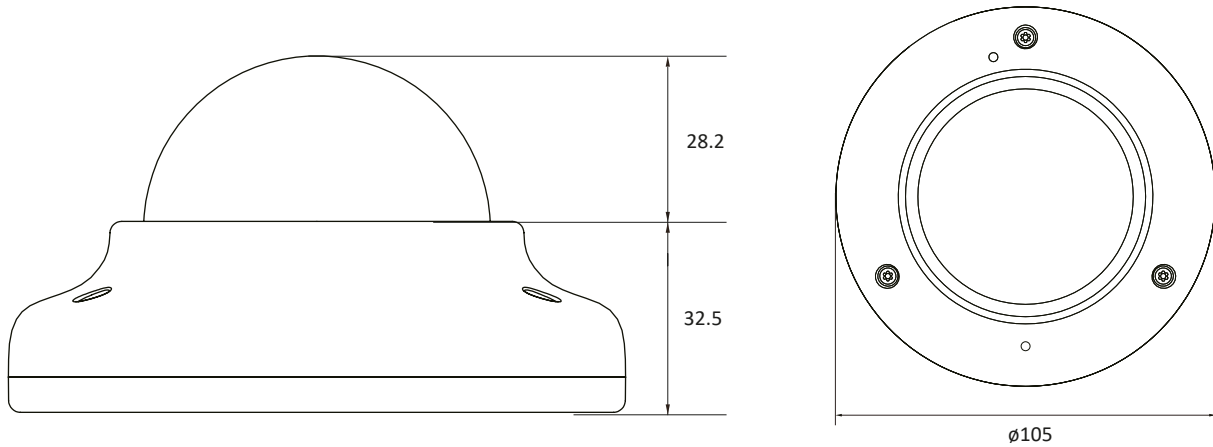
I/O & Event

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, Sensor Detection
Event Notification	FTP, E-Mail, Alarm Out, SD Card



PRO SERIES ⚙️

Dimensions



Accessories

