



Pro 

## IR WDR Dome Camera

### 5.14M HD IP WDR/TDN Outdoor 2.8/4/6/8mm IR Fixed 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

- 90° Tilting, Bidirectional Audio
- Vandal Proof Design, Weather Proof Design
- Real-time High Definition Camera
- Triple codec, Simultaneous Multi Streaming
- Local SD Card Backup, Day & Night by ICR, PoE
- Double Scan Sensor with Advanced Built in ISP (2M)



**PRO SERIES** 

## TECHNICAL SPECIFICATION

### CAMERA

	MVP7-45-R (5MP)
Image Sensor	1/2.8" 5.69M CMOS
Resolution	2592(H) X 1944(V)
Effective Pixels	2704(H) X 2104(V)
Only installer Video Output	No
S/N(signal/noise) Ratio	50dB
Min. Illumination	2.8mm : 0.13Lux, 0Lux with IR (F1.8) etc : 0.16Lux, 0Lux with IR (F2.0)
Scanning Mode	Progressive Scan

### LENS

Focal Length	2.8mm 4.0mm 6.0mm 8.0mm
Lens Type	Fixed
IRIS Type	Auto Exposure
Aperture	2.8 mm, F1.8   4.0mm, F2.0   6.0mm, F2.0   8.0mm, F2.0
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(2x)
Dynamic Range	120dB or above
LEDs	H2IR
LED Distance	60ft
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
Other Certification	FCC CE ROHS

### MECHANICAL

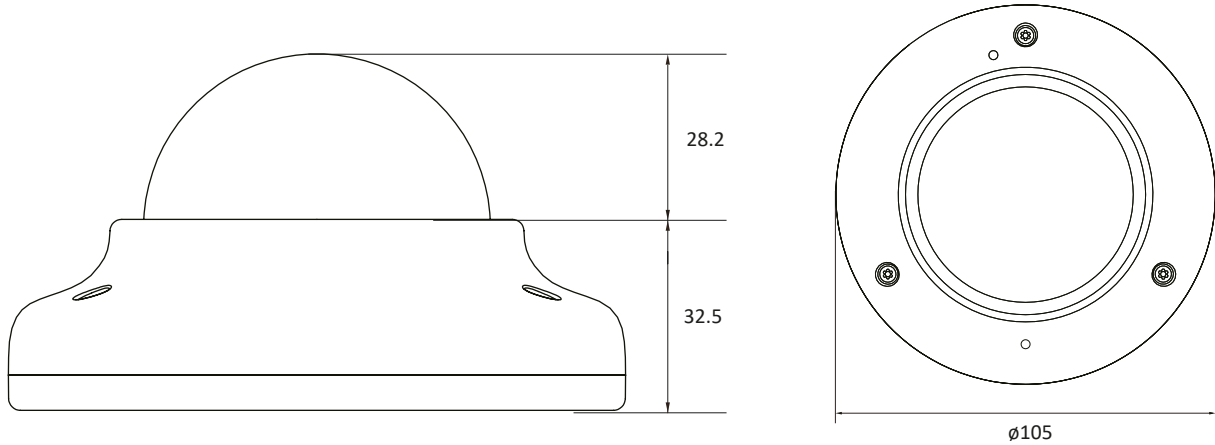
Housing Model	VD7
Housing	Outdoor Dome
Material	Aluminium Die- casting
Color	White
Weight	Net 0.36kg
Dimension	105mm x 60.7mm

### I/O & Event

Audio In / Out	No
Alarm In / Out	No
Mic	No
Event Trigger	Motion Alarm, Network Disconnection, Temperature Critical, Illegal Login, Schedule
Event Notification	FTP E-Mail SD Card
Dimension	105mm x 60.7mm

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## Dimensions



## Accessories

