

**Pro** 

IR WDR Dome Camera

5M IP IR Mini Dome

Real-time High Definition Camera

Real-time High Definition Camera Using the state of art video compression engine, real time HD video streams of 1920x1080p 30fps 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

- 5MP miniature camera
- Maximum resolution 2592 (horizontal) X 1944 (vertical) / 30fps
- Horizontal field of view 102 degrees (2.8mm), 82 degrees (4.0mm), 52 degrees (6.0mm), 38 degrees (8.0mm) / Fixed lens selection
- Day & Night (ICR) / IR visibility distance 19 meters
- Backlight compensation (WDR)
- SD/SDHC/SDXC memory slot
- PoE IEEE 802.3af/Class3
- IP67/IK10

5M**H.264****HD****1080p****IP67**

PRO SERIES

TECHNICAL SPECIFICATION

CAMERA

Model	MVP7-45-DF (5MP)
Image Sensor	1/2.8" 5.69M CMOS
Channel	1
Resolution	2704(H) X 2104(V)
Effective Pixels	2592(H) X 1944(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(18m)
Privacy Zone	Yes
Function	Motion-Detection Mirror&Flip

INTELLIGENT VIDEO ANALYTIC

AI Intelligent Video Analytic	No
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ENCODER (Audio & Video)

Video Compression	H.264, H.265, MJPEG
Support Resolution	H.265 : 1920x1080/1280x720/704x576/704x480/640x480/352x288/352x240 H.264 : 1920x1080/1280x720/704x576/704x480/640x480/352x288/352x240 MJPEG : 1920x1080/1280x720/800x600/768x432/704x576/704x480/640x480/640x360/352x288/352x240
Intelligent Codec	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)
Video Bitrate extra comment	Multi-rate for Preview and Recording
Audio Compression	G.711 ulaw
Special Feature	Dynamic ROI(Region of Interest)

PRO SERIES

TECHNICAL SPECIFICATION

I/O & EVENTS

Model	MVP7-45-DF (5MP)
Audio In / Out	Mic / No
Alarm In / Out	No
Mic	Yes
Event Trigger	Motion Alarm Network Disconnection Temperature Critical Illegal Login Schedule
Event Notification	FTP E-Mail 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 SNMP 1/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 Class2
Power consumption	DC Max 6W PoE Max 7.2W

ENVIRONMENTAL

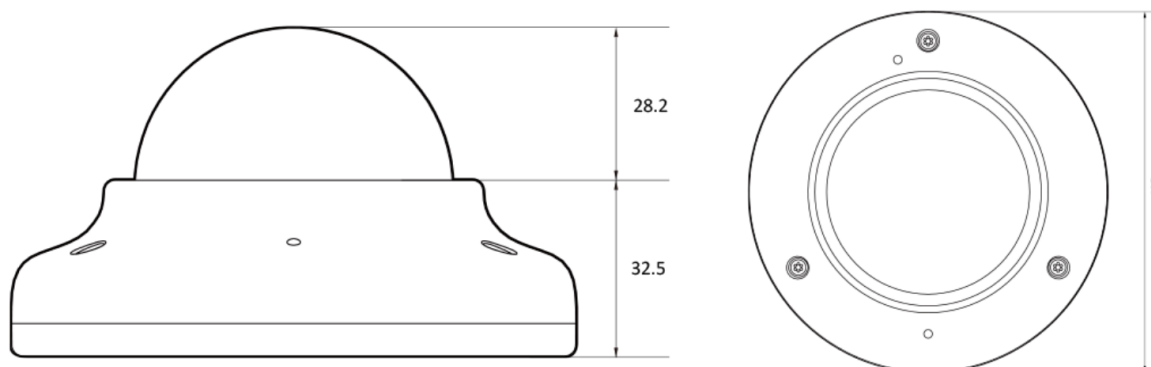
Operating Temperature	-20°C ~ 50°C
Cold Start	No
Operating Humidity	10-90% RH (Non-Condensing)
Vandal Proof Casing	IK10
IP Rating	IP67
Other Certification	FCC CE ROHS

MECHANICAL

Housing Model	VD7
Housing	Outdoor Dome
Material	Aluminum-Die Casting
Color	White
Dimensions (W x D x H)	105mm 60.7mm
Weight	0.36kg

PRO SERIES ⚙️

Dimensions



Accessories

