

MVP7-E2-R

ViewPro 

2M HD IP WDR Outdoor IR Fixed Dome Camera



FUNCTIONS

Real-time High Definition Camera

Real-time High Definition Camera Using the state of art video compression engine, real time HD video streams of 1920/1080p 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.

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.

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. Also, additional MJPEG can be delivered for Mobile devices such as Smart Phone or Tablet PC.

Local SD Card Backup

Local SD Card Backup Some important sequence of still images can be stored in the SDHC memory card. This action can be configured to work with pre-post- alarm event or a given interval.

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.

PoE

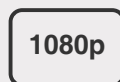
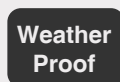
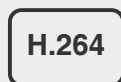
PoE Built-in Power over Ethernet (IEEE 802.3af) makes installation easier, cheaper and more secure since Power over Ethernet can take advantage of UPS (uninterrupted power supply), which provides back-up power in case of a power failure.

SYSTEM OVERVIEW

ViewPro HD IP series network camera supports some intelligent functions, such as perimeter protection and smart motion detection. It adopts starlight solution, which makes a better image effect in low illuminance.

FEATURES

- 2M 1/2.7" 2M CMOS
- Outputs max. (1920x1080) @60fps
- Video Compression: H.264, MJPEG
- Focus Length: 4.0mm / F2.0
- 100Kbps ~ 10Mbps,
Multi-rate for Preview and Recording
- 3D-DNR, Adjustable 3A features, Defect Pixel Correction, WDR, HDR,
lens correction and even more advanced ISP functions are provided.
- Privacy Mask Support: 16 Programmable Zone
- Event Trigger: Motion, Alarm, Network disconnection, temperature critical
- Dimensions (W x H): Ø105 x 60.7 mm
- Vandal Proof Design
- Weather Proof Design



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TECHNICAL SPECIFICATION

CAMERA

Image Sensor	1/2.7" 2M CMOS @60fps
Total Pixels	1920 (H) x 1080 (V)
Focal Length	4.0mm / F2.0
Lens Type	Fixed
IRIS Type	Auto Exposure
Field Angle (FOV)	81°
Frame Rate	Max. 30 / 25 fps for 1080P / 720P / D1 / VGA / CIF / QVGA / QCIF
Focus	Manual
Min. Illumination	Color : 0.25Lux / BW : 0.00Lux
IR LEDS	H2IR
Dynamic Range Conf.	WDR (2x, 3x)
OS	Free RTOS
Max No. of Clients	4
Certification	FCC, CE, ROHS, IP66
Pan / Tilt / Zoom	N/A
Day & Night	TDN (True Day & Night)
DNR	3D-DNR
Privacy Mask Support	16 Programmable Zone
AGC	Max 41dB
Other Image Processing	Configurable Exposure, White Balance, Sharpness

ENCODER (Audio & Video)

Video Compression	H.264, MJPEG
H.264 Profile	BP / MP / HP
Max Resolution	1920x1080
Multiple Profile Streaming Performance	1080p30 + 720p30 with H.264 + MJPEG
Video Bitrate	100Kbps ~ 10Mbps, Multi-rate for Preview and Recording
Bitrate Control	Multi Streaming CBR/VBR at H.264 (Controllable frame rate and Bandwidth)
Audio Compression	-
Edge Storage	Micro SD / SDHC / SDXC
Special Feature	Smart LBR, ROI

SECURITY & NETWORK

Network Protocol	IPv4/IPv6 : ONVIF, TCP/IP, UDP, RTP(UDP/TCP), RTSP, NTP, HTTP,HTTPS, SSL, DNS, DDNS, DHCP, FTP, SMTP, ICMP, SNMPv1/v2c/v3(MIB-2)
Security	HTTPS (SSL), Digest Authentication (ID/PW), IEEE 802.1X IP filtering
SIP/VoIP Support	N/A
Plug In	CGI API, Onvif

I/O & EVENT

Audio In / Out	N/A
Alarm In /Out	N/A
Video Output (2nd Video Out)	N/A
Event Trigger	Motion, Alarm, Network disconnection, temperature critical
Pre-Post Recording	Pre: 1~5 sec. Post: 1~240 sec.
Event Notification	FTP, E-Mail, SD Card
Ethernet	RJ45 (10/100BASE-T)

GENERAL

Support Languages	English, Korean, Japanese
Power	DC 12V Max 2.9W PoE IEEE 802.3af Max 3.5W
Power Consumption	DC12V Max 5.6W PoE Max 7.4W
Temperature	-10°C ~ 50°C
Humidity	10~90% RH (non-condensing)
Housing	Aluminum Die-casting
Dimensions (D x H)	Ø105 x 60.7mm
Weight	0.35Kg
Compliance	IP66

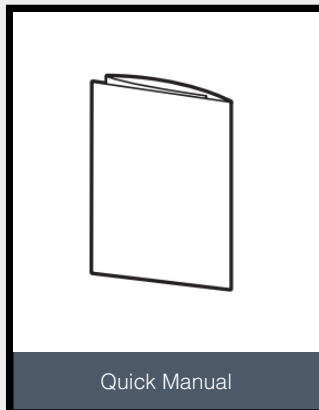
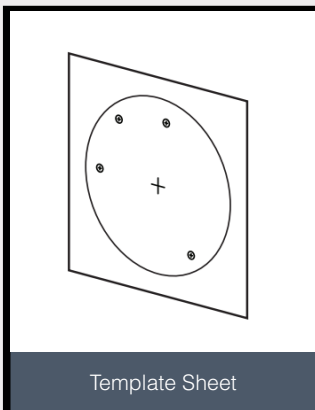
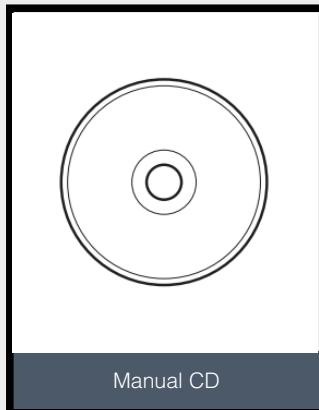
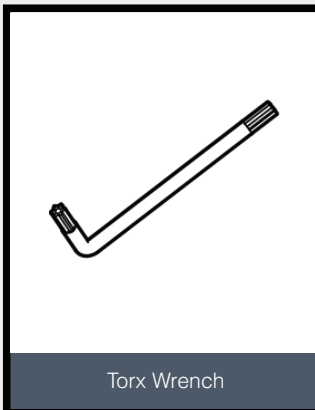
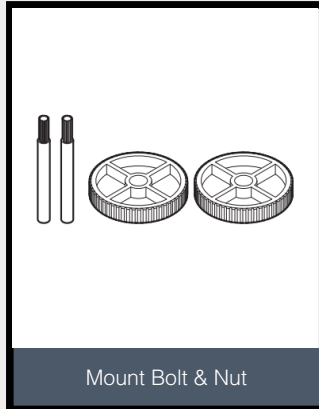
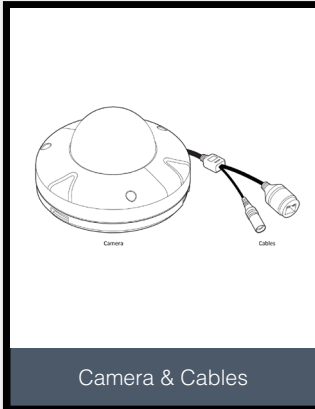
STRUCTURE

Dome	105 Ø
Height	60.7 mm
Width	105 mm
Length	105 mm
Weight	Net: 0.35Kg



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Dimensions (mm/inch)

