

MVP7-22-RE

ViewPro 

2.1M SPECIAL WDR/TDN Outdoor 2.8/4/6/8mm 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 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.

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.

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.

Bidirectional Audio

Bidirectional Audio SB cameras provides two-way audio support. This enables remote users not only to view, but also to listen in on an area and communicate orders or requests to visitors or intruders.

Vandal Proof Design

Vandal Proof Design All housing is designed to withstand rugged environments. Aluminum die-casting enclosure and Poly Carbonate clear dome enables stable 24hours security tasks.

Weather Proof Design

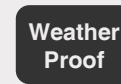
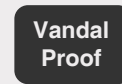
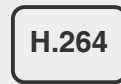
Weather Proof Design IP66 rated weather proof housing protects the cameras from damage caused by rain, snow, dust and allowing cameras to be used outdoors.

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

- 1/2.8" 2.1M CMOS
- Outputs max. 2.1M (1920 x 1080) Controllable frame rate and Bandwidth
- Lens Type: Fixed
- Built-in IR LED, H2IR
- Streaming Performance: 1080p30 + D1(704x480 or 704x576) p30 with H.264, H.265 + MJPEG
- 100Kbps ~ 10Mbps, Multi-rate for Preview and Recording
- Advanced built in ISP
- Fluid integration way
- Dimensions (D x H): Ø105 x 60.7 mm
- Power: (Adaptor is not Included) DC DC12V / POE IEEE 802.3af
- Vandal Proof Design



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TECHNICAL SPECIFICATION

CAMERA

Image Sensor	1/2.8" 2.1M CMOS
Total Pixels	1945(H) x 1109(V)
Focal Length	2.8mm : 0.05 Lux, 0 Lux with IR (F2.0)
Lens Type	Fixed
IRIS Type	Auto Exposure
Field Angle (FOV)	D : 104°, H : 90°, V : 55° (2.8mm) D : 101°, H : 81°, V : 43° (4mm) D : 59°, H : 51°, V : 29° (6mm) D : 44°, H : 39°, V : 22° (8mm)
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)
Min. Illumination	2.8mm : 0.05 Lux, 0 Lux with IR (F2.0) 4mm : 0.09 Lux, 0 Lux with IR (F2.6) 6mm : 0.05 Lux, 0 Lux with IR (F2.0) 8mm : 0.03 Lux, 0 Lux with IR (F1.6)
IR LEDs	H2IR
IR Distance	20m
Dynamic Range Conf.	WDR (DOL)
Dynamic Range	120dB or above
S/N Ratio	50dB
Day & Night	TDN (True Day & Night)
DNR	3D-DNR
Privacy Mask Support	16 Programmable Zone
AGC	Auto

ENCODER (Audio & Video)

Video Compression	H.264, H.265, MJPEG
H.264 Profile	MP / HP
Max Resolution	1920 x 1080
Multiple Profile Streaming Performance	1080p30 + D1(704x480 or 704x576) p30 with H.264, H.265 + MJPEG
Video Bitrate	100kbps~10Mbps, Multi-rate for Preview and Recording
Bitrate Control	Multi Streaming CBR/VBR at H.264, H.265 (Controllable frame rate and Bandwidth)
Audio Compression	G.711
Edge Storage	Micro SD / SDHC / SDXC
Special Feature	Smart LBR, ROI

SECURITY & NETWORK

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 (ID/PW)
SIP/VoIP Support	N/A
Plug In	CGI API, ONVIF

I/O & EVENT

Audio In / Out	1(Mic)/0, 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 ~ 0~5 sec Post : 1~240 sec
Event Notification	FTP, E-Mail, SD Card
Ethernet	RJ45 (10/100BASE-T)

GENERAL

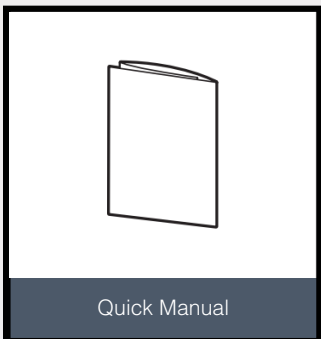
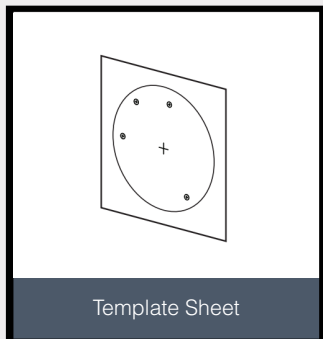
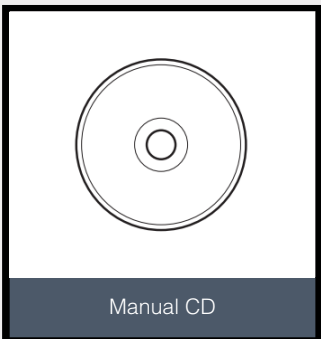
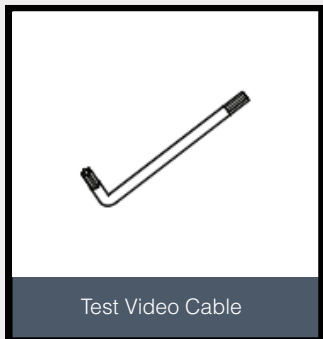
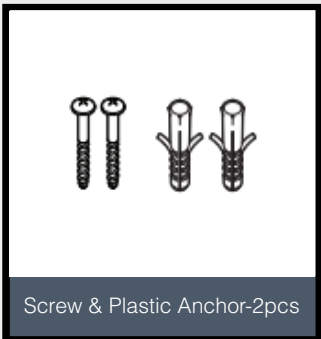
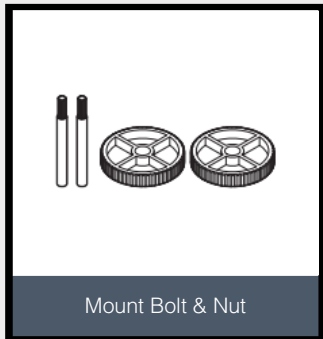
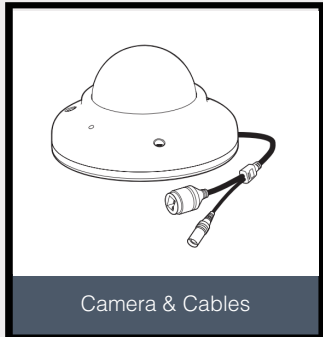
Support Languages	English, Korean, Japanese
Power	(Adaptor is not Included) DC DC12V / POE IEEE 802.3af
Power Consumption	DC12V Max 3.7W PoE Max 5.5W
Temperature	-20°C ~ 50°C ()
Humidity	10~90% RH (non-condensing)
Housing	Aluminum Die-casting
Dimensions (D x H)	Ø105 x 60.7 mm
Weight	0.36kg
Compliance	IP66

STRUCTURE

Dome	105 Ø
Height	60.7 mm
Width	105 mm
Length	105 mm
Weight	Net: 0.36kg



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Dimensions (mm/inch)

