MVP2-A48

ViewPro

Total 48M PANORAMIC WDR/TDN Outdoor 7.2mm Dome Camera

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 beter image effect in low illuminance.

FEATURES

- Four 1/2.3" 12MP CMOS Sensor

- Outputs max. 4000 x 3000 (Per Sensor)

- Focus Length: Four 7.2mm, F2.4

- Lens Type: Fixed

- Streaming Capability:
  1 main high resolution, 1 low resolution streams

- 100Kbps ~ 10Mbps,
  Multi-rate for Preview and Recording

- Body Material: Aluminum Die-casting (IK10, IP6x)

- ROI (Region of Interest)

- Fluid integration way

- Advanced built in ISP

- Dimensions (D x H): 7.5 x 4.25 inch (190 x 102mm)

48M	H.264	Starlight	Smart AVC	HD	1080p

FUNCTIONS

ROI (Region of Interest)
ROI(Region of Interest) Gives efficient video rates with optimized video quality. Frequently moving areas are keeping much better quality. On the other hands, less moving areas are dropping video rates.

Various Web Plug-in
Various web plug-in IE, Safari, Chrome, Firefox and Etc. any kind of web browsers are supported by the most flexible web plug in.

ROI (Region of Interest)
ROI(Region of Interest) Gives efficient video rates with optimized video quality. Frequently moving areas are keeping much better quality. On the other hands, less moving areas are dropping video rates.

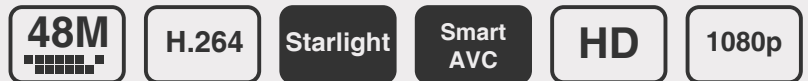#### Double Scan sensor with Advanced Built in ISP
Double Scan sensor with advanced built in ISP Double scan sensor provides up to 60fps at 1080p resolution. (Encoding max performance 1080p30fps). It gives long exposure and short exposure combined as real WDR with real time frame rate 1080p resolution.

Smart AVC
Smart AVC The "Advanced Video Coding" provides the most efficient way to stream audio & video data through network even 1080p at 600kbps bandwidth.

Hydrophobic Dome Cover
Hydrophobic Dome cover This hydrophobic dome cover repels water and dust to maintain a camera's image quality. A technologically-advanced coating alleviates spotting and smudges that can affect the performance of the camera.

MICROVIEW surveillance

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MICROVIEW SECURITY: 70 East Sunrise Highway Valley Stream, NY 11581, New York

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ViewPro ⚙

TECHNICAL SPECIFICATION

CAMERA

Image Sensor	Four 1/2.3" 12MP CMOS Sensor
Total Pixels	4000(H) x 3000(V) (Per Sensor)
Focal Length	Four 7.2mm, F2.4
Lens Type	Fixed
IRIS Type	Auto Exposure
Field Angle (FOV)	48MP Mode: 48° HFOV per image, 185° total 32MP Mode: 46° HFOV per image, 180° total
Shutter Speed	Auto, 1/7.5 sec ~ 1/32000 sec
Min. Illumination	0.5 Lux [Color], 0/1 Lux [B&W]
Dynamic Range Conf.	HDR, True WDR, D-WDR
Dynamic Range	120dB or above
S/N Ratio	50dB
Pan / Tilt / Zoom	-
Day & Night	TDN (True day & Night)
DNR	3D-DNR OFF/LOW/MIDDLE/HIGH
AGC	Max 42dB
Privacy Mask Support	8 Programmable Zone
Other Image Processing	BLC, Configurable Exposure, White Balance, Sharpness, Pixel correction, Lens distortion correction, Gamma compensation, Color enhancement, High quality polyphase scalers

ENCODER (Audio & Video)

Video Compression	H.264/MJPEG
H.264 Profile	MP / HP
Max Resolution	4000 x 3000 (Per Sensor)
Streaming Capability	1 main high resolution, 1 low resolution streams
Frame Rate	48MP : 15fps per sensor 32MP : 30fps per sensor
Bitrate Control	Multi Streaming CBR/VBR at H.264 (Controllable frame rate and Bandwidth)
Audio Compression	-
Edge Storage	SD / SDHC / SDXC
Special Feature	Smart AVC, Dynamic ROI

SECURITY & NETWORK

Network Protocol	IPv4/IPv6 : ONVIF, TCP/IP, UDP/IP, 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	Onvif Profile S(G under development),CGI API

I/O & EVENT

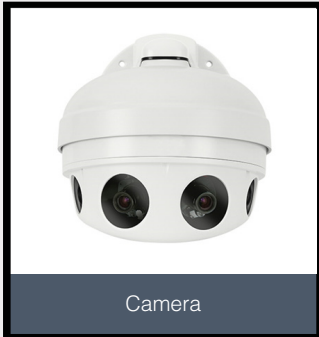|	
Audio In / Out	N/A
Alarm In /Out	N/A
Video Output (2nd Video Out)	1[CVBS 1.0V p-p (75Ω)], 4:3 aspect ratio
Event Trigger	Motion, Audio, Alarm
Pre-Post Recording	Pre: 8 sec. / Post: 8 sec
Event Notification	FTP, E-Mail, SD Card
Ethernet	RJ45 (10/100BASE-T)

GENERAL

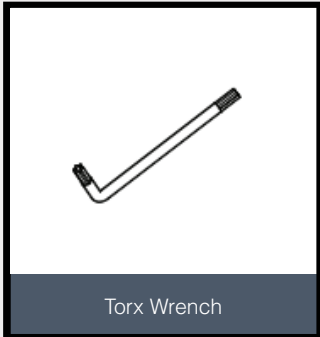|	
Support Languages	English, Korean, Japanese, Chinese, Spanish, German, French, Portuguese
Power	(Adaptor is not Included) DC DC12V / POE IEEE 802.3af
Power Consumption	12VDC : 22.5W PoE+: 25.5W
Temperature	-10°C ~ 50°C (14°F~122°F)
Humidity	1Less than 80% (Non-condensing)
Housing	Aluminum Die-casting (IK10, IP6x)
Dimensions (D x H)	7.5 x 4.25 inch (190 x 102mm)
Weight	2.0 kg (4.4 lbs)
Compliance	FCC, CE, ROHS

STRUCTURE

Dome	Dome Ø
Height	108 mm
Width	190 mm
Length	190 mm
Weight	Net: 2.0kg

★★★★★

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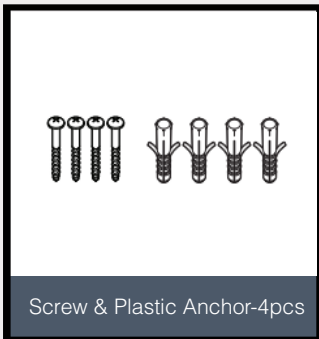
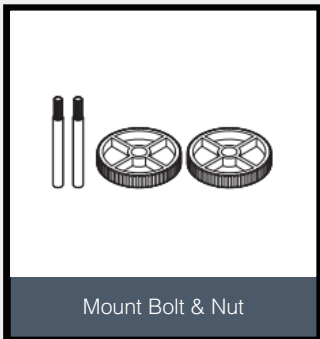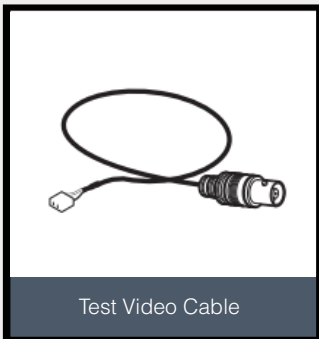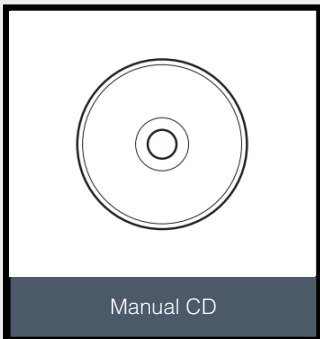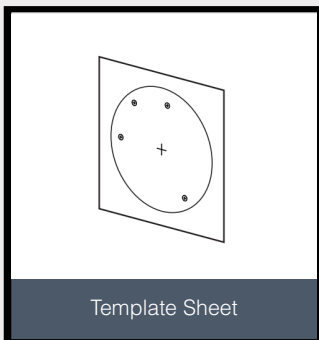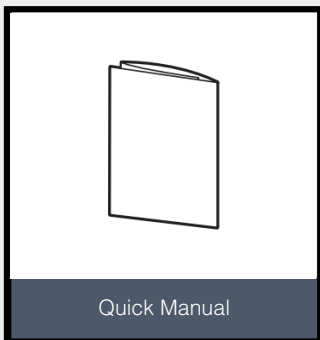|	
Camera	Torx Wrench
Screw & Plastic Anchor-4pcs	Mount Bolt & Nut
Test Video Cable	Manual CD
Template Sheet	Quick Manual

Accessories (Optional)

BW10
Wall Mount

BC10
Ceiling Mount

Dimensions (mm/inch)

102

190

★★★★★

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