

MVP3-A16

ViewPro 

Total 16M PANORAMIC WDR In/Outdoor 2.8/4/6/8mm 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 better image effect in low illuminance.

FEATURES

- 1/3" 4.0M CMOS x 4ea
- Outputs max. (2560 x 1440)
- Focus Length: 2.8mm, F1.8 / 4mm, 6mm, 8mm F2.0
- Video Compression: H.264, MJPEG
- Streaming Capability: 1440p30 + 480p/30 with H.265 + MJPEG(Max SVGA) x 4 up to 12 sessions | Max. Concurrent connections up to 16
- 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): Ø 190 x 90 mm

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.

Independent ISP and Encoding Block

Independent ISP and Encoding block Totally, up to 4 ISPs and Encodings provide the most suitable optimized scenes with any environments and real time frame rates up to 1440p x 4

Optimized Multiple Profile Streaming (Surround IP)

Optimized Multiple Profile Streaming Up to 12 streams are able to be set by different setting parameters such as res. video rate and frame rate to be serviced for different purposes at 1440p environments from the 1 ports of Gigabit Ethernet port. Also concurrent max. connections support up to 16 sessions simultaneously.

Double Scan sensor with Advanced Built in ISP

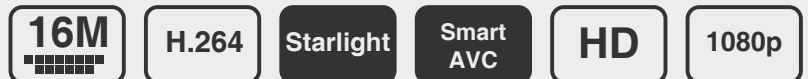
Double Scan sensor with advanced built in ISP Double scan sensor provides up to 60fps at 1080p resolution. (Encoding max performance 1080p30fps). It gives long exposure and short exposure combined as real WDR with real time frame rate 1080p resolution.

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.

Easy Way to Install with Module Separation Structure

Easy way to install with module separation structure Sensor block with lens built-in modules are highly efficient way to cover whatever types of scene circumstances at the installation site from 2.8mm, 4mm and 6mm with perfect focus fitting.



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TECHNICAL SPECIFICATION

CAMERA

Image Sensor	1/3" 4.0M CMOS x 4ea
Total Pixels	2688(H) x 1520(V) Per One Sensor
Focal Length	2.8mm, F1.8 / 4mm, 6mm, 8mm F2.0
Lens Type	-
Field Angle (FOV)	4D : 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 (1/30 ~ 1/32000), Anti-Flicker, Slow Shutter(1~1/5, 1/7.5, 1/10)
Min. Illumination	Color : 0.41 Lux (F2.0) / BW : 0.022 Lux (F2.0)
IR LEDES	None
IR Distance	N/A
Dynamic Range Conf.	WDR (2x,3x)
Dynamic Range	120dB or above
S/N Ratio	50dB
Pan / Tilt / Zoom	-
Day & Night	TDN (True Day & Night) *Only for IR version
DNR	3D-DNR
AGC	Auto
Privacy Mask Support	8 Programmable Zone
Other Image Processing	Configurable Exposure, White Balance, Sharpness

ENCODER (Audio & Video)

Video Compression	H.264/MJPEG
H.264 Profile	BP / MP / HP
Max Resolution	2560 x 1440 x 4
Multiple Profile Streaming Performance	1440p30 + 480p/30 with H.265 + MJPEG(Max SVGA) x 4 up to 12 sessions Max. Concurrent connections up to 16
Video Bit rate	100Kbps ~ 10Mbps, Multi-rate for Preview and Recording
Support Res.	H.264 : 1440p/1080p/720p/VGA/D1/CIF MJPEG: 800x600/VGA/768x432/D1/CIF
Bitrate Control	Multi Streaming CBR/VBR at H.264 (Controllable frame rate and Bandwidth)
Audio Compression	G.711
Edge Storage	Micro SD / SDHC / SDXC x 4
Special Feature	Smart AVC, Dynamic ROI

SECURITY & NETWORK

Network Protocol	IPv4/IPv6, Zero config(Auto IP) 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), IP filtering, 802.1x, Digest Authentication(ID/PW)
SIP/VoIP Support	N/A
Plug In	Onvif Profile S(G under development),CGI API

I/O & EVENT

Audio In / Out	1 / 1(Master in/ out)
Alarm In /Out	1 / 1
Video Output (2nd Video Out)	1 [CVBS 1.0V p-p (75Ω)], 4:3 aspect ratio Sensors selectable
Event Trigger	Motion, Alarm, Network Disconnections, 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

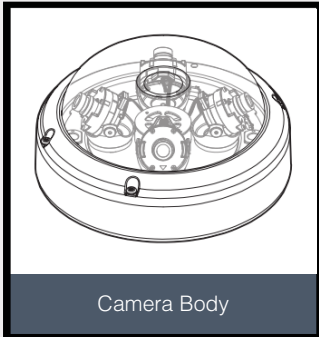
Support Languages	English, Korean, Japanese
Power	(Adaptor is not Included) DC DC12V / POE IEEE 802.3af
Power Consumption	DC12V Max 16.5W PoE Max 17.5W
Temperature	-30°C ~ 50°C (-22°F ~ 122°F)
Humidity	10~90% RH (non-condensing)
Housing	Aluminum Die-casting (IK10, IP6x)
Dimensions (D x H)	Ø190 x 90 mm
Weight	2.0kg
Compliance	FCC, CE, ROHS, IP66, IK10

STRUCTURE

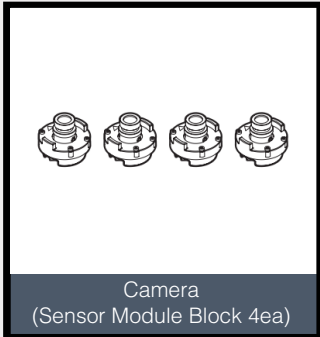
Dome	192 Ø
Height	84 mm
Width	192 mm
Length	192 mm
Weight	Net: 2kg



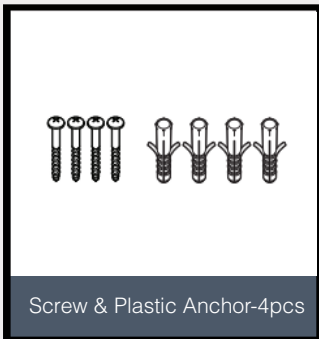
MVP3-A16 ViewPro



Camera Body



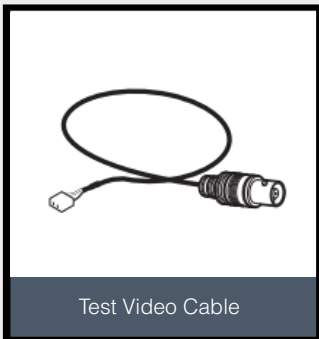
Camera
(Sensor Module Block 4ea)



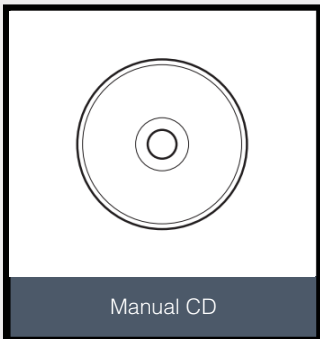
Screw & Plastic Anchor-4pcs



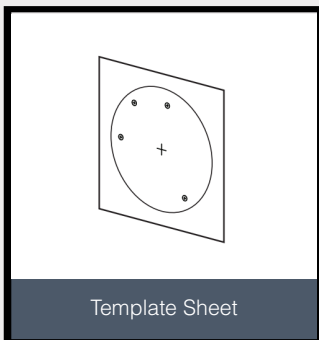
Torx Wrench



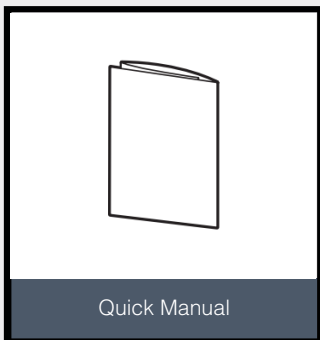
Test Video Cable



Manual CD



Template Sheet



Quick Manual

Accessories (Optional)

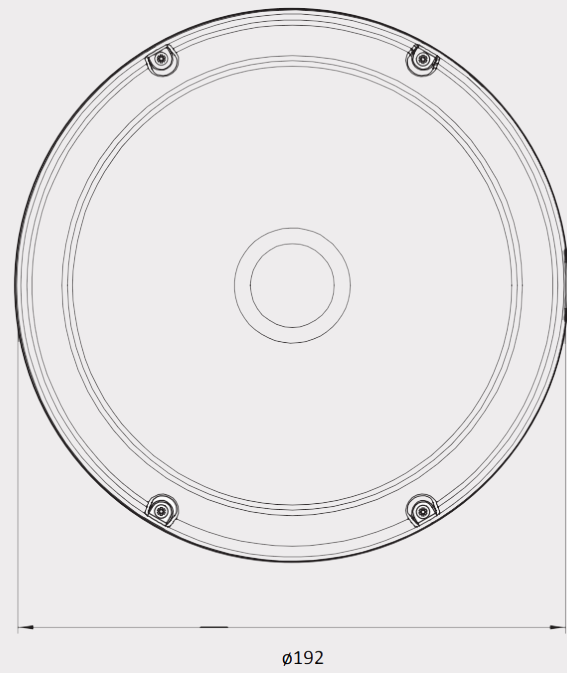


BW10
Wall Mount

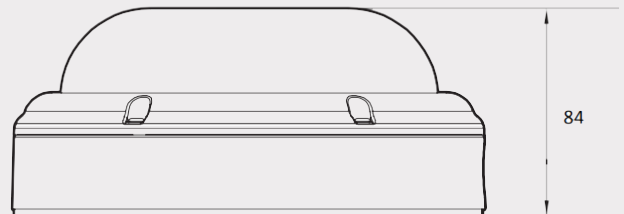


BC10
Ceiling Mount

Dimensions (mm/inch)



ø192



84

