

MVP2-A2

ViewPro 

2M HD IP WDR Indoor Box Camera



FUNCTIONS

Fluid Integration Way

Fluid integration way The latest Onvif profiles(S,G,Q) are optimized to have interoperability with any kind of purpose. Well-structured CGI-API plug in gives even more detailed functions to be integrated to VMS.

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.

Advanced Built in ISP

Advanced built in ISP 3D-DNR, Adjustable 3A features, Defect Pixel Correction, WDR, HDR, lens correction and even more advanced ISP functions are provided from built in ISP.

Optimized Multiple Profile Streaming

Optimized Multiple Profile Streaming Up to 4 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 1080p environments.

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.

Double Scan Sensor with Advanced Built in ISP

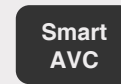
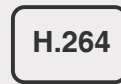
Double Scan sensor with advanced built in ISP Double scan sensor provides up to 60fps at 1080p resolution. (Encoding max performance 1080p30fps). It gives long exposure and short exposure combined as real WDR with real time frame rate 1080p resolution.

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

- 1/2.7" 2.0M CMOS (60fps scan capability)
- Outputs max. (1920 x1080)
- IRIS Type: DC IRIS / Auto Exposure
- Video Compression: H.264, MJPEG
- Multiple Profile Streaming Performance: 1080p30 480p30 with H.264 + MJPEG
- 100Kbps ~ 10Mbps, Multi-rate for Preview and Recording
- Various web plug-in
- Fluid integration way
- Advanced built in ISP
- Housing: Aluminum Die-casting
- Dimensions (D x H): 134 x 75 x 60 mm



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TECHNICAL SPECIFICATION

CAMERA

Image Sensor	1/2.7" 2.0M CMOS (60fps scan capability)
Total Pixels	1928(H) x 1088(V)
Focal Length	N/A
Lens Type	N/A
IRIS Type	DC IRIS / Auto Exposure
Field Angle (FOV)	Depending on C&CS mount lens
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	0.09Lux (F1.2)(Day)
IR LEDES	N/A
IR Distance	N/A
Dynamic Range Conf.	WDR (2x)
Dynamic Range	120dB or above
S/N Ratio	50dB
Pan / Tilt / Zoom	N/A
Day & Night	TDN (True Day & Night)
DNR	3D-DNR
AGC	Auto
Privacy Mask Support	16 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	1920 x 1080
Multiple Profile Streaming Performance	1080p30 + 480p30 with H.264 + MJPEG
Video Bit rate	100Kbps ~ 10Mbps, Multi-rate for Preview and Recording
Bitrate Control	Multi Streaming CBR/VBR at H.264 (Controllable frame rate and Bandwidth)
Audio Compression	G.711
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	1[1.0Vms, 3K ohm]/1
Alarm In /Out	1 / 1
Video Output (2nd Video Out)	1 [CVBS 1.0V p-p (75Ω)], 4:3 aspect ratio
Event Trigger	Motion, Alarm, Network Disconnections, Temperature critical
Pre-Post Recording	Pre: 1~5 sec. Post: 1~240 sec.
Event Notification	FTP, E-Mail, Alarm Out, SD Card
Ethernet	RJ45 (10/100BASE-T)

GENERAL

Support Languages	English, Korean, Japanese
Power	(Adaptor is not Included) DC DC12V POE IEEE 802.3af class2
Power Consumption	DC12V Max 3.5W PoE Max 4.4W
Temperature	-20°C ~ 50°C
Humidity	10~90% RH (non-condensing)
Housing	Aluminum Die-casting
Dimensions (D x H)	134 x 75 x 60 mm
Weight	0.45kg
Compliance	-

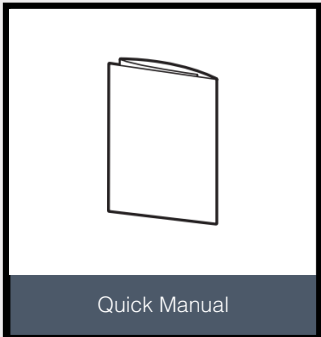
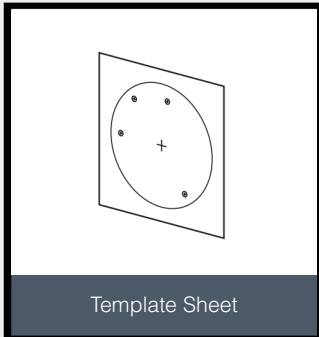
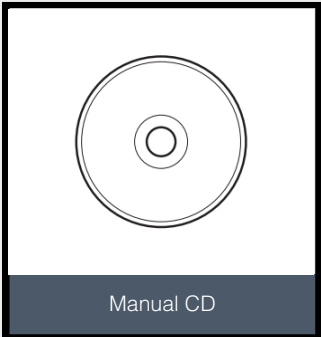
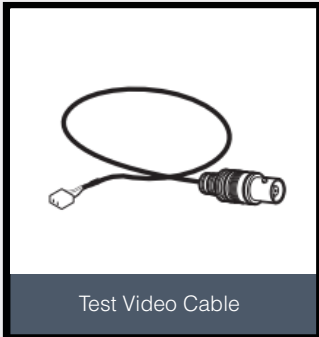
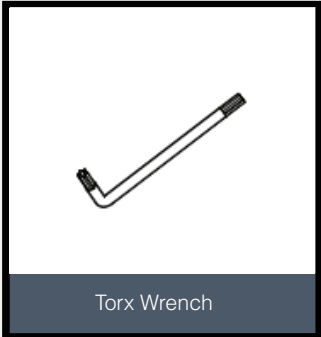
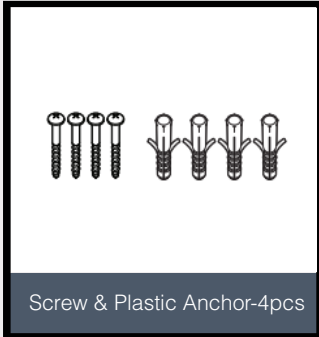
STRUCTURE

Dome	Ø
Height	60 mm
Width	75 mm
Length	125 mm
Weight	Net: 0.45kg



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Dimensions (mm/inch)

