

# MVP2-22-R

# ViewPro

## 2.1M HD IP WDR Outdoor 4mm IR Bullet 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

- 1/2.8" 2.1M CMOS (Sony Starvis)
- Focal Length 4.0mm, F2.6
- Lens Type Fixed
- IRIS Type Auto Exposure
- IR LEDES H2IR
- Max Resolution 1920 x 1080
- Special Feature Smart LBR, ROI
- Humidity 10–90% RH (non–condensing)
- Power Consumption DC12V Max 4.5W PoE Max 6.0W
- Temperature -30°C ~ 50°C
- Dimensions 161.7 x 67.5 mm

### FUNCTIONS

#### Optimized Multiple Profile Streaming

Up to 3 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.

#### Fluid Integration Way

The latest Onvif profile (S) 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)

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

ouble 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.

#### 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.

OnVIF

IR

2M

H.264

Starlight

Smart AVC

HD

1080p

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## TECHNICAL SPECIFICATION

### CAMERA

Image Sensor	1/2.8" 2.1M CMOS (Sony Starvis)
Total Pixels	1945(H) X 1109(V)
Focal Length	4.0mm, F2.6
Lens Type	Fixed
IRIS Type	Auto Exposure
Field Angle (FOV)	D:120°, H:86°, V:46°
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, 0Lux with IR (F2.6)
IR LEDES	H2IR
IR Distance	50M
Dynamic Range Conf.	WDR(DOL)
Dynamic Range	120dB or above
S/N Ratio	50dB
Pan / Tilt / Zoom	N/A
Day & Night	TDN (True Day & Night)
DNR	3D-DNR
Privacy Mask Support	16 Programmable Zone
AGC	Auto
Other Image Processing	Configurable Exposure, White Balance, Sharpness

### 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	N/A
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
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, Alarm out
Ethernet	RJ45 (10/100BASE-T)

## GENERAL

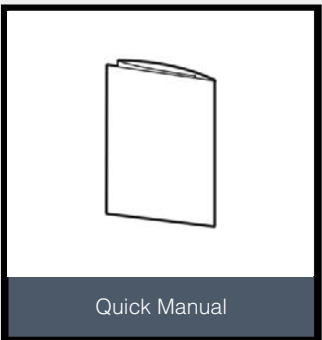
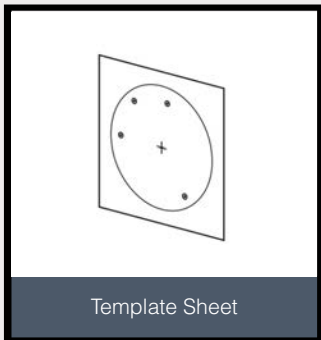
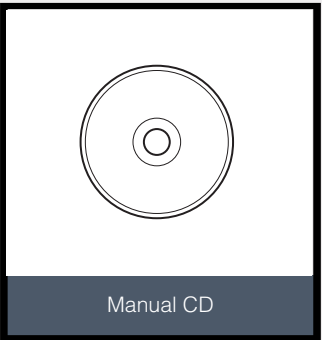
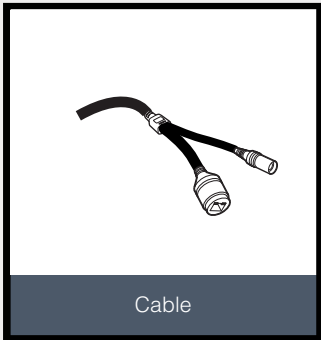
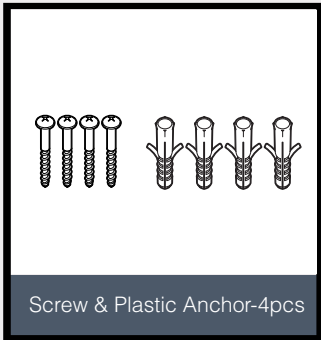
Support Languages	English, Korean, Japanese
Power	(Adaptor is not Included) DC12V POE IEEE 802.3af
Power Consumption	DC12V Max 4.5W PoE Max 6.0W
Temperature	-30°C ~ 50°C
Humidity	10~90% RH (non-condensing)
Housing	Aluminum Die-casting
Dimensions (D x H)	161.7 x 67.5 mm
Weight	0.5kg
Compliance	IP67

## STRUCTURE

Dome	79 Ø
Height	67.5 mm
Width	70 mm
Length	161.7 mm
Weight	Net: 0.44 Kg



**MVP2-22-R** **ViewPro** 



**Dimensions (mm/inch)**

