

**Pro** 

Fixed Bullet Camera

5M IP IR Mini Bullet

Real-time High Definition Camera

Real-time High Definition Camera Using the state of art video compression engine, real time HD video streams of 1920x1080p 30fps 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.

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.

Day & Night by ICR

Day & Night by ICR For increased sensitivity of image sensor efficiently, a mechanical actuator can shift infrared (IR) Cut filter to disengaged from image path automatically in the low light environment.

90° Tilting

90° Tilting The 3 axis mechanism and sophisticated bubble dome design support wider tilting angle up 90 degrees. For various applications, this provides more choices and options in installation.

FEATURES

- 5MP miniature camera
- Maximum resolution 2592 (horizontal) X 1944 (vertical) / 30fps
- Horizontal angle of view 82 degrees (4.0mm) / Fixed lens options
- Day & Night (ICR) / IR reach distance 31 meters
- Backlight compensation (WDR)
- SD/SDHC/SDXC memory slot
- PoE IEEE 802.3af/Class3
- IP67

5M**H.264****HD****1080p****IP67**

PRO SERIES

TECHNICAL SPECIFICATION

CAMERA

Model	MVP5-45-R (5MP)
Image Sensor	1/2.8" 5.69M CMOS
Channel	1
Resolution	2704(H) X 2104(V)
Effective Pixels	2592(H) X 1944(V)
Only installer Video Output	No
S/N(signal/noise) Ratio	50dB
Min. Illumination	0.16Lux 0Lux with IR (F2.0)
Scanning Mode	Progressive Scan

LENS

Focal Length	4.0mm
Lens Type	Fixed
IRIS Type	Auto Exposure
Aperture	F2.0
Horizontal Angle	D:106.6°, H:82.3°, V:58.8°
Pan / Tilt / Zoom	Zoom : Fixed

OPERATIONAL

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)
Auto Gain Control (AGC)	Auto
Day & Night	TDN (True Day & Night)
Digital Noise Reduction	3D DNR
Wide Dynamic Range	WDR(2x)
Dynamic Range	120dB or above
LEDs	H2IR
LED Distance	100ft(31m)
Privacy Zone	Yes
Function	Motion-Detection Mirror&Flip Auto White Balance

INTELLIGENT VIDEO ANALYTIC

AI Intelligent Video Analytic	No
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ENCODER (Audio & Video)

Video Compression	H.264, H.265, MJPEG
Support Resolution	H.265 : 1920x1080/1280x720/704x576/704x480/640x480/352x288/352x240 H.264 : 1920x1080/1280x720/704x576/704x480/640x480/352x288/352x240 MJPEG : 1920x1080/1280x720/800x600/768x432/704x576/704x480/640x480/640x360/352x288/352x240
Intelligent Codec	Yes
Multiple Profile Streaming Performance	Triple Streaming(3rd Only MJPEG)
Video Bitrate	100Kbps~10Mbps
Bitrate Control	Multi Streaming CBR/VBR at H.264,H.265 (Controllable frame rate and Bandwidth)
Video Bitrate extra comment	Multi-rate for Preview and Recording
Audio Compression	No
Special Feature	Dynamic ROI(Region of Interest)

PRO SERIES

TECHNICAL SPECIFICATION

I/O & EVENTS

Model	MVP5-45-R (5MP)
Audio In / Out	No
Alarm In / Out	No
Mic	No
Event Trigger	Motion Alarm Network Disconnection Temperature Critical Illegal Login Schedule
Event Notification	FTP E-Mail SD Card

NETWORK

Ethernet	RJ45 (10/100Base-T)
Protocol	TCP/IP UDP AutoIP RTP(UDP/TCP) RTSP NTP HTTP HTTPS SSL DNS DDNS DHCP FTP SMTP ICMP SNMP 1/v2/v3(MIB-2) ONVIF
Security	HTTPS(SSL) IP filtering 802.1x Digest Authentication
Application Programming I/F	CGI API ONVIF
Web viewer	MS Edge® Google Chrome®
Video management software (VMS)	DW Spectrum® IPVMS
Support languages	English Korean Japanese
Edge storage	Micro SD Micro SDHC Micro SDXC
SD Card Socket	1

ELECTRICAL

Power Requirement	Adaptor is not included DC12V PoE IEEE 802.3af Class2
Power consumption	DC Max 6.5W PoE Max 8.3W

ENVIRONMENTAL

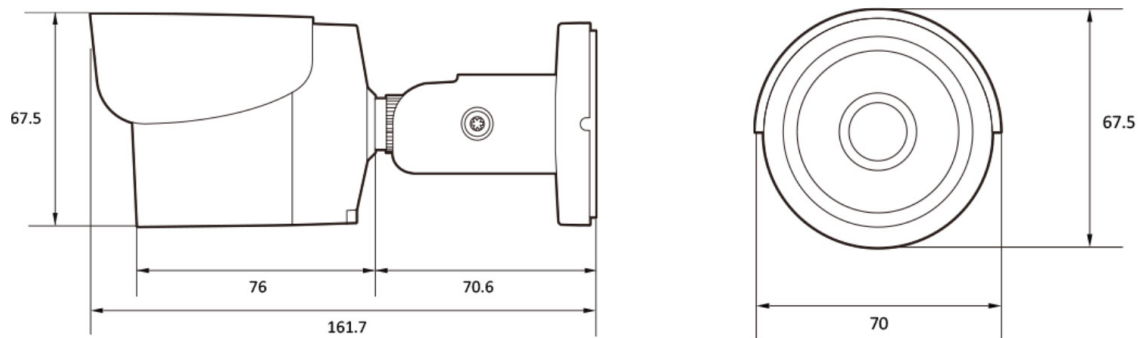
Operating Temperature	-20°C ~ 50°C
Cold Start	No
Operating Humidity	10-90% RH (Non-Condensing)
Vandal Proof Casing	IK10
IP Rating	IP67
Other Certification	FCC CE ROHS

MECHANICAL

Housing Model	B12
Housing	Outdoor Bullet
Material	Aluminum-Die Casting
Color	Dark Gray
Dimensions (W x D x H)	160.5mm 67.5mm
Weight	0.5kg

PRO SERIES ⚙️

Dimensions



Compatible Accessories

