



2.1

Megapixel



180° Panoramic View

3x

Three 4.3mm Lenses



Smart IR™



Smart DNR™



True Day/Night



IP67 Rated

## Summary

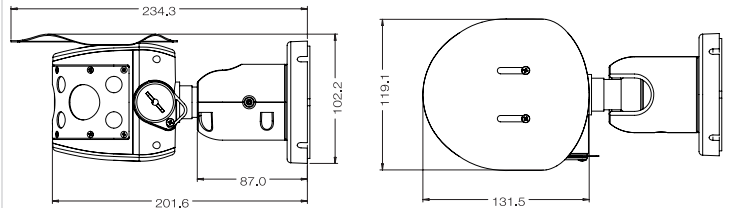
The MEGApix® PANO™ Bullet Camera is an IP network camera with three image sensors, offering real-time 1080P resolution using 3x 4.3mm fixed lenses. This allows the camera to reproduce stunning true HD 180° panoramic images. This camera represents a lower TCO and superior ROI for wide area surveillance, replacing the need to install and monitor multiple cameras. The camera's advanced technologies such as True Day/Night, 3D Digital Noise Reduction and Smart IR™ deliver the best images in virtually any lighting environment. Alarm in/out and two-way audio help you to monitor and react quickly to any event. Micro SD card slot for onboard storage. PoE simplifies installation by providing both power and a network connection through a single cable. The bullet housing is IP67-rated weather resistant. The cameras are ONVIF compliant, facilitating their successful integration with any open platform solution on the market.

## Features

- 3x 2.1 Megapixel Image Sensor (1080P, 30fps)
- 1080P 180° Panoramic Camera
- Triple Codecs (H.264, MJPEG, MPEG4) with Simultaneous Dual-Stream
- 3x 4.3mm Fixed Lens
- Smart IR™
- True Day/Night with Mechanical IR Cut Filter
- 3D Digital Noise Reduction (DNR)
- Auto Gain Control (AGC)
- Backlight Compensation (BLC)
- Auto White Balance (AWB)
- Motion Detection
- Two-Way Audio
- Micro SD/SDHC Class 10 Card Slot for 64GB (Card not included)
- Alarm Sensor Input
- Relay Output
- Web Server Built-in
- PoE and DC12V
- ONVIF Compliant, Profile S
- IP67 Certified (Water and Dust Resistant)

## Dimensions (unit : mm)

5 Year  
Warranty



## Specifications



IMAGE	
Image Sensor	Three 1/2.8" 2.4MP Sony® Sensors
Total Pixels	1920 (H) x 1080 (V) ~ 360 (V)
Minimum Scene Illumination	COLOR : 0.5Lux @ F2.5, 30IRE B/W : 0.00Lux @ IR LED ON
AUDIO	
Compression and Sampling Rate	G.711 PCM, µ-law 64kbps 8kHz
Input / Output	1 Line In, 1 Line Out
LENS	
Focal Length	Three 4.3mm Lenses
Lens Type	Fixed Lens
IR Distance	114 feet (35 meters)
Angle of View	180° Panoramic View (Each Lens Angle is 70°)
OPERATIONAL	
Brightness	0 ~ 20
Shutter Mode	Auto, Manual
Digital Slow Shutter	Off, 2x ~ 8x
White Balance	Auto / Auto-Ext / Indoor / Outdoor / Manual / Preset
Digital Noise Reduction (DNR)	Off, Low, Middle, High
Auto Gain Control	Max 41dB
Day and Night	Auto, Day, Night
Sharpness	0 ~ 10
DeFog	On, Off
Mirror and Flip	On, Off
Alarm Notifications	FTP, E-mail, Alarm Out, JPEG Recording on SD
Alarm In	1 Alarm Input
Sensor Out	1 Sensor Output
NETWORK	
LAN	802.3 Compliance 10/100 baseT LAN
Video Compression Type	H.264, MJPEG
Resolution	H.264 : 1080P/D1/CIF/QCIF MJPEG : 1080P/D1/CIF/QCIF
Frame Rate	30 / 25 fps for 1080P/D1/CIF/QCIF
Streaming Capability	Multi Streaming CBR/VBR (Controllable Frame Rate and Bandwidth)
IP	IPv4, IPv6
Protocol	ONVIF, TCP/IP, UDP/IP, RTP (UDP), RTP(TCP), RTSP, NTP, HTTP, HTTPS, SSL, DNS, DDNS, DHCP, FTP, SMTP, ICMP, SNMPv1/v2c/v3 (MIB-2)
Maximum User Access	10 Users
ONVIF Conformance	ONVIF Profile S
Web Viewer	Browser: IE OS: Windows 7, Vista, XP, 2000
Video Management Software	DW Spectrum
Memory Slot	Micro SD Memory Card (Card is not included)
ENVIRONMENTAL	
Operating Temperature	-20°C ~ 40°C
Operating Humidity	Less than 90% (Non-Condensing)
IP Rating	IP67 (Water and Dust Resistant)
Other Certifications	FCC, CE, ROHS
ELECTRICAL	
Power Requirements	DC 12V, PoE IEEE 802.3atPoE+ / High Power PoE
Power Consumption	6W, 500mA 19W, 1,583mA (LED On)
MECHANICAL	
Material	Aluminum Die-casting
Dimensions	7.92 W x 4.39 H Inch (201.3 W x 111.5 H mm)
Weight	2.2 lbs (1 kg)