



**2.1** Megapixel  
2.7-13.5mm Vari-Focal Lens  
Triple Codecs  
Smart IR™  
IP66 Rated  
**5 YEAR** Warranty

## Summary

This MEGApix® IP camera provides 2.1MP/1080p resolution at real-time 30fps. It includes a 2.7-13.5mm vari-focal lens and simultaneous H.265/H.264/MJPEG codec support, all in an IP66 weather-resistant bullet housing. All MEGApix® cameras are ONVIF conformant, assuring their successful integration with any open platform solution on the market.

## Features

- 2.1MP/1080p 1/2.9" image sensor at real-time 30fps
- 2.7-13.5mm vari-focal lens
- Triple codecs (H.265, H.264, MJPEG) with simultaneous streaming
- Digital Wide Dynamic Range (D-WDR)
- 100' Smart IR™ with intelligent camera sync
- Smart DNR™ 3D digital noise reduction
- True day/night mechanical IR cut filter
- Programmable privacy zones
- Auto gain control (AGC)
- Backlight compensation (BLC)
- Auto white balance (AWB)
- Motion detection
- Web server built-in
- PoE class 3 and DC12V
- UL listed
- ONVIF conformant, profile S
- NDA compliant
- IP66 environmental-rated dust-tight and water-resistant
- 5 year warranty



## Accessories (optional)



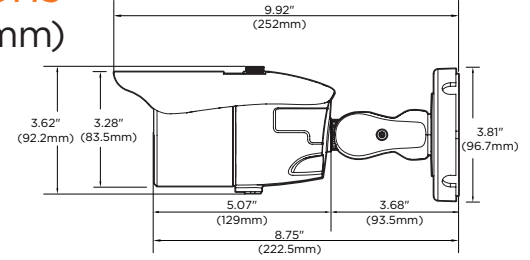
DWC-BLJUNC-W  
Junction box



DWC-PMB-WLW  
Pole mount bracket

## Dimensions

unit: Inch (mm)



## Specifications



<b>IMAGE</b>	
Image sensor	2.1MP/1080p 1/2.9" CMOS
Total pixels	2001(H) X 1121(V)
Minimum scene illumination	0.16 lux (color) 0.0 lux (B/W)
<b>LENS</b>	
Focal length	2.7-13.5mm, F1.6
Lens type	Vari-focal lens
Field of view (FoV)	27° - 89.6°
IR distance	100ft range
<b>OPERATIONAL</b>	
Shutter mode	Auto, manual, anti-flicker, slow shutter
Shutter speed	1/15 - 1/32000
Slow shutter	2X, 3X, 5X, 6X, 7.5X, 10X
Auto gain control	Auto
Day and night	Auto, day (color), night (B/W)
Smart DNR™ 3D digital noise reduction	3D-DNR
Wide Dynamic Range (WDR)	D-WDR
Privacy zone	16 programmable privacy masks
Backlight Compensation (BLC)	Yes
Mirror and flip	Yes
Alarm notifications	Notifications via e-mail and FTP server recording
<b>NETWORK</b>	
LAN	RJ45 (10/100Base-T)
Video compression type	H.265, H.264, MJPEG
Resolution	H.265: 2.1MP/1080p, 720p (main), CIF (sub) H.264: 2.1MP/1080p, 720p (main), CIF (sub) MJPEG: CIF
Frame rate	Up to 30fps at all resolutions
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)
Streaming capability	Dual-stream at different rates and resolutions
IP	IPv4
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)
ONVIF conformance	Yes
Web viewer	OS: Windows®, Mac® OS, Linux® Browser: Internet Explorer®, Google Chrome®, Mozilla Firefox®, Safari®
Video management software	DW Spectrum® IPVMS
<b>ENVIRONMENTAL</b>	
Operating temperature	-4°F - 122°F (-20°C - 50°C)
Operating humidity	10-90% (non-condensing)
IP rating	IP6-rated
Other certifications	UL listed, CE, FCC, RoHS
<b>ELECTRICAL</b>	
Power requirement	DC 12V, PoE (IEEE 802.3af Class 3). (Adapter not included)
Power consumption	DC12V: max 5.2W PoE: max 7.0W
<b>MECHANICAL</b>	
Material	Aluminum bullet housing
Dimensions	9.92" x 3.81" (252 x 96.7 mm)
Weight	1.65 lbs (0.75kg)
Warranty	5 year warranty



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