



-40°
Cold Start

H.265
H.264/MJPEG

30fps

5MP Resolution
 Star-Light Plus™
 6-50mm Vari-Focal Motorized Zoom P-Iris Lens
 True WDR
 Triple Codecs (H.265, H.264, MJPEG)
 5YEAR Warranty

Summary

These MEGApix® IP cameras deliver crystal-clear images at 5MP resolution at real-time 30fps. Features include a 6-50mm long range vari-focal auto-focus lens with motorized zoom, true WDR, simultaneous H.265/H.264/MJPEG codec support and Star-Light Plus™ color in near-total darkness technology for quality video in any lighting condition. The IP66-rated weather-resistant housing is easy to install and will Cold Start at -40°F/-40°C.

Features

- 5MP 1/2.8" image sensor at real-time 30fps
- Star-Light Plus™ color in near-total darkness technology
- 6-50mm vari-focal p-iris lens with motorized zoom and auto-focus
- Wide Dynamic Range
- Triple codecs (H.265, H.264, MJPEG) with simultaneous streaming
- Cold start -40°F (-40°C)
- 140' Smart IR™ with intelligent camera sync
- Long-range bullet
- Smart DNR™ 3D digital noise reduction
- True day/night with mechanical IR cut filter
- Programmable privacy zones
- Auto gain control (AGC)
- Backlight compensation (BLC)
- Auto white balance (AWB)
- Motion detection
- Two-way audio
- Micro SD/SDHC/SDXC class 10 card slot (card not included)
- Alarm sensor input
- Relay output
- Web server built-in
- PoE class 3 and DC12V
- ONVIF conformant, profile S
- IP66 environmental-rated dust-tight and water-resistant
- IK 9-rated impact-resistant
- 5 year warranty



Accessories (optional)

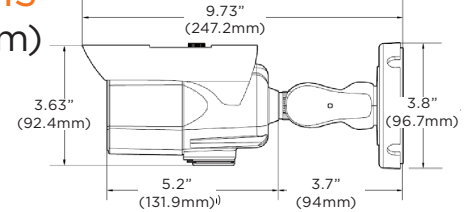


DWC-BLJUNC
Junction box



DWC-PMB-BU
Pole mount bracket

Dimensions unit: Inch (mm)



Specifications

IMAGE	
Image sensor	5MP 1/2.8" CMOS
Total pixels	2592 (H) X 1944 (V)
Minimum scene illumination	0.08 lux (color) 0.0 lux (B/W)
Video output	Local video output CVBS 1.0V p-p (75Ω), 4:3 aspect ratio
LENS	
Focal length	6.0 - 50mm, F1.6
Lens type	Motorized zoom auto-focus p-iris lens
Field of view (FoV)	6.9° - 40.8°
IR distance	140ft range
Optical zoom / digital zoom	x8 optical zoom
I/O	
Audio in/out	1/1
Audio compression	G.711
Alarm in/out	1/1
OPERATIONAL	
Shutter mode	Auto, manual, anti-flicker, slow shutter
Shutter speed	1/15 - 1/32000
Slow shutter	1/2, 1/3, 1/5, 1/6, 1/7.5, 1/10
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)	True WDR
Wide dynamic range (WDR) dB	120dB
Privacy zone	16 programmable privacy masks
Backlight compensation (BLC)	Yes
Mirror and flip	Yes
Alarm notifications	Notifications via e-mail, FTP server, alarm output activation or SD card recording
Memory slot	Micro SD / SDHC / SDXC (card not included)
NETWORK	
LAN	RJ45 (10/100Base-T)
Video compression type	H.265, H.264, MJPEG
Resolution	H.265: 2592x1944, 2304x1296, 2.1MP/1080p, 720p, VGA, DI, CIF H.264: 2592x1944, 2304x1296, 2.1MP/1080p, 720p, VGA, DI, CIF MJPEG: 2.1MP/1080p, 720p, 800x600, VGA, 768x432, DI, CIF
Frame rate	Up to 30fps at all resolutions
Video bitrate	H.264 / H.265: 32Kbps - 14Mbps MJPEG: 1Mbps - 40Mbps
Bitrate control	H.265 dual-stream or simultaneous H.265 / H.264 / MJPEG
Streaming capability	Dual-stream at different rates and resolutions
IP	IPv4, IPv6
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
OS: Windows®, Mac® OS, Linux®	
Web viewer	Browser: Internet Explorer®, Google Chrome®, Mozilla Firefox®, Safari®
Video management software	DW Spectrum® IPVMS
ENVIRONMENTAL	
Operating temperature	-40°F - 122°F (-40°C - 50°C)
Operating humidity	10-90% RH (non-condensing)
IP rating	IP66-rated
IK rating	IK9 impact-resistant
Other certifications	CE, FCC, RoHS
ELECTRICAL	
Power requirement	DC12V, PoE IEEE 802.3af Class 3 (Adapter not included)
Power consumption	DC12V: max 9W PoE: max 10.5W
MECHANICAL	
Material	Aluminum bullet housing
Dimensions	9.73" x 3.8" (247.2 x 96.7mm) *Dimensions based on the position of the sun shield cover
Weight	1.98 lbs (0.9kg)
Warranty	5 year warranty