



Summary

This MEGApix® IVA+™ IP camera is your gateway to powerful video analytics features. It is NDAA compliant and provides 5MP resolution at real-time 30fps. The MEGApix IVA+ cameras have a powerful engine to detect and classify people, vehicles and objects in real-time with support for logical rules. This camera includes a 6-50mm long range vari-focal auto-focus lens with motorized zoom, 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, all in an IP66-rated weather resistant bullet housing. All MEGApix® cameras are ONVIF conformant, assuring their successful integration with any open platform solution on the market.

Features

- 5MP 1/2.8" image sensor at real-time 30fps
- Star-Light Plus™ color in near-total darkness technology
- Intelligent Video Analytics (IVA) with Video Content Analysis (IVA+)
- Seamless integration and control of IVA rules with DW Spectrum® IPVMS
- Reduce false alarms
- Increase your recording storage with logic rules and smart recording
- 6-50mm vari-focal p-iris lens with motorized zoom and auto-focus
- True Wide Dynamic Range (WDR)
- Triple codecs (H.265, H.264, MJPEG) with simultaneous streaming
- Cold Start -40°F (-40°C)
- 140' Smart IR™ with intelligent camera sync
- 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 and relay output
- PoE class 3 and DC12V
- UL Listed
- NDAA compliant
- IP66 environmental-rated dust-tight and water-resistant
- IK 9-rated impact-resistant
- 5 year warranty



Accessories (optional)



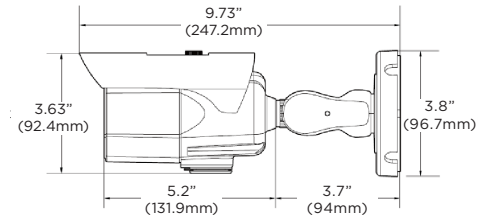
DWC-BLJUNC
Junction box



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 | 6-50mm, F1.6 |
| Lens type | Vari-focal p-iris lens with motorized zoom and auto-focus |
| HFOV / VFOV | 40.8° - 6.9° / 30.2° - 5.2° |
| 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 | |
| Intelligent Video Analytics | IVA: intrusion, line crossing, counting line, loitering, enter, exit, tamper IVA+: object removed, tailgating, direction, stopped, appear, disappear, object left, logical rules |
| 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, 120dB |
| Privacy zone | 16 programmable privacy masks |
| Backlight Compensation (BLC) | Yes |
| Mirror and flip | Yes |
| Alarm notifications | Notifications via e-mail notifications, FTP, alarm output and SD card recording |
| Memory slot | Micro SD / SDHC / SDXC (card not included) |
| NETWORK | |
| LAN | 10/100 Base-T |
| Video compression type | H.265, H.264, MJPEG |
| Resolution | H.265: 2592x1944, 2304x1296, 2.1MP/1080p, 720p, VGA, D1, CIF H.264: 2592x1944, 2304x1296, 2.1MP/1080p, 720p, VGA, D1, CIF MJPEG: 2.1MP/1080p, 720p, 800x600, VGA, 768x432, D1, 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 (TLS), 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® NOTE: Chrome browser is recommended for IVA configuration |
| 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 | IK09 impact-resistant |
| Other certifications | UL listed, CE, FCC, RoHS |
| ELECTRICAL | |
| Power requirement | DC 12V, PoE (IEEE 802.3af Class3). (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) *Based on the position of the sun shield cover |
| Weight | 1.98 lbs (0.9kg) |
| Warranty | 5 year warranty |