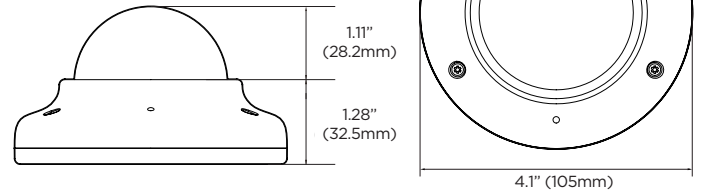




Dimensions

Unit: Inch (mm)



Summary

This MEGAPIX IVA™ IP camera is your gateway to powerful video analytics features. It is NDAA compliant and provides 2.1MP/1080p resolution at real-time 30fps and the convenience of audio input through built-in microphone. The MEGAPIX IVA cameras have a powerful engine to detect and classify people and vehicles in real-time. IVA+ license upgrade offers advanced Video Content Analysis detection capabilities. This camera includes 2.8 and 4.0mm fixed lens options, 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 IP67-rated, IK-10 impact resistant ultra low-profile vandal dome housing. All MEGAPIX® cameras are ONVIF conformant, assuring their successful integration with any open platform solution on the market.

Features

- 2.1MP/1080p 1/2.8" image sensor at real-time 30fps
- Star-Light Plus™ color in near-total darkness technology
- Intelligent Video Analytics (IVA)
- Extended Intelligent Video Analytics (IVA+ license required)
- Seamless integration and control of IVA rules with DW Spectrum® IPVMS
- Reduce false alarms
- Increase your recording storage with logic rules and smart recording
- 2.8mm fixed lens (DWC-MV72Wi28ATW)
- 4.0mm fixed lens (DWC-MV72Wi4ATW)
- True Wide Dynamic Range (WDR)
- Triple codecs (H.265, H.264, MJPEG) with simultaneous streaming
- 80' Smart IR™ with intelligent camera sync
- Ultra low-profile vandal dome camera
- Smart DNR™ 3D digital noise reduction
- True day/night mechanical IR cut filter
- Programmable privacy zones
- Auto gain control (AGC)
- Auto white balance (AWB)
- Motion detection
- Audio input through built-in microphone
- Micro SD/SDHC/SDXC class 10 card slot (card not included)
- PoE class 2 and DC12V
- UL listed
- NDAA compliant
- IP67 dust-tight and waterproof to 3 feet
- IK 10-rated impact-resistant
- 5 year warranty

Accessories (optional)



Specifications



| | |
|---------------------------------------|--|
| IMAGE | |
| Image sensor | 2.1MP/1080p 1/2.8" CMOS |
| Total pixels | 1945 (H) X 1109 (V) |
| Minimum scene illumination | 0.05 lux (color) (DWC-MV72Wi28ATW) 0.09 lux (color) (DWC-MV72Wi4ATW) 0.0 lux (B/W) |
| LENS | |
| Focal length | 2.8mm, F2.0 (DWC-MV72Wi28ATW) 4.0mm, F2.6 (DWC-MV72Wi4ATW) |
| Lens type | Fixed lens |
| HFOV / VFOV | 111° / 62° (DWC-MV72Wi28ATW) 86° / 46° (DWC-MV72Wi4ATW) |
| IR distance | 80ft range |
| I/O | |
| Audio in / out, compression | 1 (mic)/0, G.711 |
| Alarm in / out | 1 / 1 |
| OPERATIONAL | |
| Intelligent Video Analytics | IVA license: intrusion, line crossing, counting line, loitering, enter, exit, tamper IVA+ license: object removed, tailgating, direction, stopped, appear, disappear, object left |
| 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 zones | 16 programmable privacy masks |
| Mirror and flip | Yes |
| Alarm notifications | Notifications via e-mail notifications, FTP and 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: 2.1MP/1080p, 720p, VGA, D1, CIF H.264: 2.1MP/1080p, 720p, VGA, D1, CIF MJPEG: 1280x720, 800x600, VGA, 768x432, D1, 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, 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 | -4°F - 122°F (-20°C - 50°C) |
| Operating humidity | 10-90% (non-condensing) |
| IP and IK rating | IP67-rated, IK10 impact resistant |
| Other certifications | UL Listed, CE, FCC, RoHS |
| ELECTRICAL | |
| Power requirement | DC 12V, PoE IEEE 802.3af Class2. (Adapter not included) |
| Power consumption | DC12V: max 3.7W PoE: max 5.5W |
| MECHANICAL | |
| Material | Aluminum vandal housing, polycarbonate dome |
| Dimensions | 4.13" x 2.4" (105 x 61mm) |
| Weight | 0.79 lbs (0.36kg) |
| Warranty | 5 year warranty |