



 4 Megapixel
  2.8mm Fixed Lens
  WDR
  Analytics
  IP66 Rated
  5 YEAR Warranty

Summary

This MEGApix[®] IP camera provides 4MP resolution at real-time 30fps with multiple analytics features that elevate the camera to the next level. Added intelligence includes line crossing, perimeter intrusion and video tampering detection. The IP66-rated and IK10-impact resistant outdoor vandal dome housing features 65ft range IR, True WDR, and H.265 codec support. All MEGApix[®] cameras are ONVIF conformant, assuring their successful integration with any open platform solution on the market.

Features

- 4MP 1/3" image sensor at real-time 30fps
- 2.8mm fixed lens
- True Wide Dynamic Range (WDR)
- Multiple codecs (H.265, H.264, MJPEG) with simultaneous dual-stream
- 65ft range IR
- Line crossing video analytics
- Perimeter intrusion video analytics
- Video tampering with scene change detection video analytics
- Video tampering with video blur detection video analytics
- Video tampering with abnormal color detection video analytics
- 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
- Audio input
- Web server built-in
- PoE class 2 and DC12V
- Waterproof cabling
- ONVIF conformant, profile S
- IP66 certified weather and tamper resistant
- IK10-rated impact-resistant
- 5 year warranty

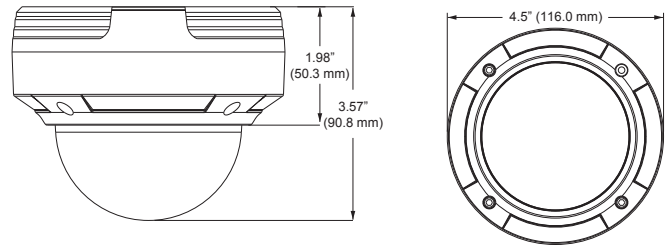


Mounting accessories (Optional)



Dimensions

unit: Inch (mm)



Specifications

| | |
|---------------------------------------|--|
| IMAGE | |
| Image sensor | 1/3" CMOS |
| Total pixels | 2688 (H) x 1520 (V) |
| Minimum scene illumination | 0.045 lux (color) 0.0 lux (B&W) |
| S/N ratio | 50dB |
| Video output | CVBS video output (BNC DI) |
| LENS | |
| Focal length | 2.8mm, F1.6 |
| Lens type | Fixed lens |
| Field of view (FoV) | 103° |
| IR distance | 65ft range |
| AUDIO | |
| Audio in / out | 1/0 |
| Audio compression | G.711A / U |
| OPERATIONAL | |
| Shutter mode | Auto, manual |
| Shutter speed | 1/25s - 1/100000s |
| Auto gain control | Auto |
| Day / night | Auto, day (color), night (B/W), schedule |
| Smart DNR™ 3D digital noise reduction | 2D / 3D DNR |
| Wide Dynamic Range (WDR) | True WDR low, middle, high |
| Wide Dynamic Range (WDR) dB | 120dB |
| Privacy zone | 4 programmable privacy masks |
| Camera analytics | Line crossing, perimeter intrusion, video tampering detection (scene change, video blur, abnormal color detection) |
| Alarm notifications | Notifications via e-mail or FTP server |
| NETWORK | |
| LAN | 802.3 compliance 10/100 LAN |
| Video compression type | H.265, H.264 or MJPEG |
| Resolution | 4MP (2592x1520) |
| Frame rate | Up to 30fps at all resolutions |
| Video bitrate | 64 Kbps - 10 Mbps |
| 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, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP |
| Security | IP filtering, MAC filtering, authentication (ID/PW), SSL/TLS |
| ONVIF conformance | Yes |
| Web viewer | OS: Windows® Browser: Internet Explorer® |
| Video management software | DW Spectrum™ IPVMS |
| ENVIRONMENTAL | |
| Operating temperature | -4°F - 122°F (-20°C - 50°C) |
| Operating humidity | 10-90% RH (non-condensing) |
| IP rating | IP66 certified weather and tamper resistant |
| IK rating | IK10 rated impact resistant |
| Other certifications | CE, FCC, RoHS |
| ELECTRICAL | |
| Power requirement | DC12V, PoE (IEEE 802.3af class 2). |
| Power consumption | LED on: 3.5W LED off: 2W |
| MECHANICAL | |
| Material | Metal vandal housing, polycarbonate dome |
| Dimensions | 3.58" x 4.56" (91 x 116 mm) |
| Weight | 1.33 lb (0.605kg) |



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