**MEGApix®**
IP Cameras

**4** Megapixel

**6mm Fixed Lens**

**WDR**

**Analytics**

**IP66 Rated**

**5 YEAR** Warranty

## Dimensions
unit: Inch (mm)



3.59" (91.4mm)

3.42" (87mm)

4.25" (108mm)

## 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 turret camera housing features a 360° camera gimbal for absolute view adjustment, true WDR . All MEGApix® cameras are ONVIF conformant, assuring their successful integration with any open platform solution on the market.

## Features

- 4MP 1/3" CMOS sensor at real-time 30fps
- 6.0mm fixed lens
- True Wide Dynamic Range (WDR)
- Multiple codecs (H.265, H.264, MJPEG) with simultaneous dual-stream
- 65ft range IR
- Turret housing
- 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 weather and tamper resistant
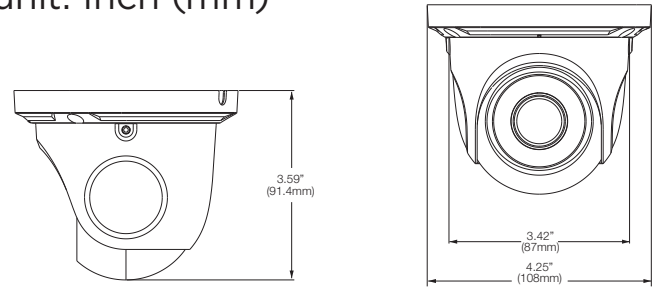- IK 10-rated impact-resistant
- 5 year warranty

**ONVIF**

## Mounting accessories (Optional)

**DWC-MTTCMJ**
Ceiling mount bracket and junction box

**DWC-MTTJUNC**
Ceiling mount bracket and junction box

**DWC-MTTWM**
Wall mount bracket

## 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 D1) |
| **LENS** | |
| Focal length | 6.0mm, F1.6 |
| Lens type | Fixed lens |
| Field of view (FoV) | 50° |
| IR distance | 65ft range |
| **I/O** | |
| 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 (scense 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, MJPEG |
| Resolution | 4MP (2592D1520) |
| 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/TSL |
| 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: 5W LED off: 2.5W |
| **MECHANICAL** | |
| Material | Metal turret housing |
| Dimensions | 3.4" x 4.25" (87 x 108 mm) |
| Weight | 0.94 lb (0.427kg) |

**DW DIGITAL WATCHDOG®**
*Complete Surveillance Solutions*