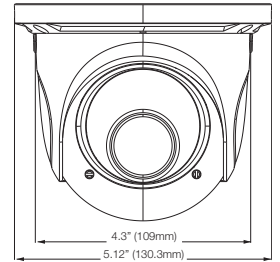
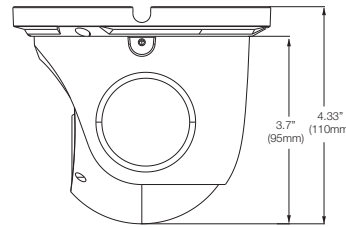




## Dimensions

unit: Inch (mm)



## Summary

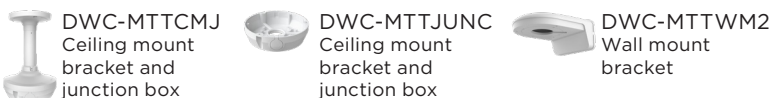
This MEGApix<sup>®</sup> IP camera provides 4MP resolution at real-time 30fps with multiple analytics features that elevate the camera to the next level. Added intelligence includes line crossing, perimeter intrusion and video tampering detection. The IP66-rated turret camera housing features a 360° camera gimbal for absolute view adjustment of the camera's auto focus lens. All MEGApix<sup>®</sup> 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
- 3.3-12mm motorized zoom auto-focus lens
- True Wide Dynamic Range (WDR)
- Multiple codecs (H.265, H.264, MJPEG) with simultaneous dual-stream
- 100ft 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



## Mounting accessories (Optional)



## Specifications

| IMAGE                                 |  |
|---------------------------------------|--|
| Image sensor                          | 1/3" CMOS  |
| Total pixels                          | 2688 (H) x 1520 (V)  |
| Minimum scene illumination            | 0.045 lux (color)<br>0.0 lux (B&W)   |
| S/N ratio                             | 50dB   |
| Video output                          | CVBS video output (BNC D1)   |
| LENS                                  |  |
| Focal length                          | 3.3-12mm, F1.4   |
| Lens type                             | Varifocal remote auto-focus lens   |
| Field of view (FoV)                   | 80° - 38°  |
| IR distance                           | 100ft range  |
| Optical zoom                          | 4x optical zoom  |
| 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 (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, MJPEG  |
| Resolution                            | 4MP (2592x1520) at 30fps   |
| 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®<br>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: 5.5W<br>LED off: 2.5W  |
| MECHANICAL                            |  |
| Material                              | Metal turret housing   |
| Dimensions                            | 4.3" x 5.1" (109 x 130 mm)   |
| Weight                                | 1.51 lb (0.689kg)  |



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