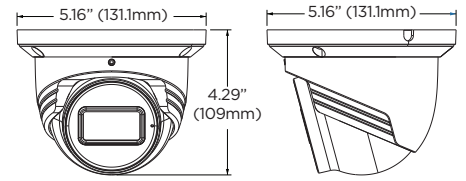


Dimensions

unit: Inch (mm)



Summary

These MEGAPIX® IP cameras are NDA compliant and deliver crystal-clear images at 4MP resolution and real-time 30fps. The IP67-rated turret camera features a 2.8-12mm vari-focal lens with motorized zoom and a 360° camera gimbal for absolute view adjustment. Added intelligence includes line crossing, perimeter intrusion and video tampering detection. 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
- Vari-focal lens with motorized zoom and autofocus for complete remote lens control and focused image any time
- True Wide Dynamic Range (WDR) for clear images in challenging light
- Simultaneous streaming and multiple codec options for smart bandwidth management
- 164' Smart IR™ with intelligent camera sync for clear B/W images with no need for external light
- Line crossing video analytics
- Perimeter intrusion video analytics
- Video tampering with scene-change, video-blur and abnormal color detection video analytics.
- Smart DNR™ 3D digital noise reduction reduces noise and ghosting for motion in low-light environments.
- Privacy zones cover sensitive areas in the camera's field of view.
- Backlight compensation (BLC)
- Two-way audio with a built-in microphone for direct communication between the monitoring station and the camera's location.
- Local SD card slot for local recording in case of network loss
- Web server built-in for easy camera management from any browser
- PoE and DC12V for single cable simplified installation
- NDA compliant for federal and government projects
- IP67- and IK10-rated camera housing built to last
- 5 year warranty



Mounting accessories (Optional)



Specifications



| IMAGE | |
|------------------------------|---|
| Image sensor | 4MP 1/3" CMOS |
| Total pixels | 2560 x 1440 |
| Minimum scene illumination | 0.005 lux (color) 0.0 lux (B/W) |
| S/N ratio | 50dB |
| LENS | |
| Focal length | 2.8 - 12mm, F1.4 |
| Lens type | Vari-focal lens with motorized zoom and auto-focus |
| Horizontal Field of View | 92° - 31° |
| Vertical Field of View | 48° - 17.2° |
| IR distance | 164ft range |
| I/O | |
| Audio in / out | 1 audio input and 1 microphone built-in |
| Audio compression | G.711A / U |
| OPERATIONAL | |
| Shutter mode | Auto, manual |
| Shutter speed | 1/2s - 1/100000s |
| Auto gain control | Auto |
| Day / night | Auto, day (color), night (B/W), schedule |
| 3D DNR | Smart DNR™ 3D digital noise reduction |
| Wide dynamic range (WDR) | True WDR, 120dB |
| Privacy zone | 8 programmable privacy masks |
| Video analytics | Line crossing, perimeter intrusion, video tampering detection (scene change, video blur, abnormal color) |
| Backlight compensation (BLC) | Yes |
| Mirror and flip | Yes |
| Alarm notifications | Notifications via email or FTP server |
| Memory slot | Micro SD, SDHC, SDXC up to 256GB (card not Included) |
| NETWORK | |
| LAN | 802.3 compliance 10/100 LAN |
| Video compression type | H.265, H.264, MJPEG |
| Resolution | 4MP, 3MP, 2.1MP/1080P, 720P, D1, 480x240, CIF (60Hz: 1 - 30fps; 50Hz: 1-25fps) |
| Frame rate | Up to 30fps at all resolutions |
| Video bitrate | 64 Kbps - 8 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 Maximum three (3) connections/streams at a time |
| IP | IPv4, IPv6 |
| Protocol | UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTCP, ICMP, IGMP, PPPoE, DDNS, SMTP, FTP, SNMP, HTTP, 802.1x, UPnP, HTTPs, QoS |
| Security | IP filtering, MAC filtering, authentication (ID/PW), SSL/TSL |
| ONVIF conformance | Yes |
| Web viewer | OS: Windows®, Mac® OS, Linux® Browser: MS Edge, IE, Chrome, Firefox |
| Video management software | DW Spectrum® IPVMS |
| ENVIRONMENTAL | |
| Operating temperature | -22°F - 140°F (-30°C - 60°C) |
| Operating humidity | 0-95% RH (non-condensing) |
| IP rating | IP67-rated |
| IK rating | IK10 impact-resistant |
| Other certifications | FCC, CE, ROHS, ONVIF, NDA |
| ELECTRICAL | |
| Power requirement | DC 12V, PoE (Adapter not included) |
| Power consumption | <8W |
| MECHANICAL | |
| Material | Metal turret housing |
| Dimensions | 5.16" x 4.29" (131.1 x 109 mm) |
| Weight | 1.41 lb (0.64 kg) |
| Warranty | 5 year warranty |



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