

## Summary

This MEGApiX® IP camera provides 5MP resolution at real-time 30fps. It includes a 2.7-13.5mm vari-focal auto-focus lens with motorized zoom, 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. The IP66-rated, IK-10 impact resistant vandal housing features CleanView™ self-cleaning dome treatment. All MEGApiX® cameras are ONVIF conformant, assuring their successful integration with any open platform solution on the market.

## Features

- 5MP 1/2.8" image sensor at real-time 30fps
- Star-Light Plus™ color in near-total darkness technology
- 2.7-13.5mm vari-focal p-iris lens with motorized zoom and auto-focus
- True Wide Dynamic Range (WDR)
- Triple codecs (H.265, H.264, MJPEG) with simultaneous streaming
- 100' Smart IR™ with intelligent camera sync.
- CleanView™ hydrophobic dome coating repels water, dust and grease
- 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
- Two-way audio
- Micro SD/SDHC/SDXC class 10 card slot (card not included)
- Alarm sensor input
- Relay output
- Web server built-in
- PoE class 3 and DC12V
- UL listed
- ONVIF conformant, profile S
- IP66 environmental-rated dust-tight and water-resistant
- IK10-rated impact-resistant
- 5 year warranty

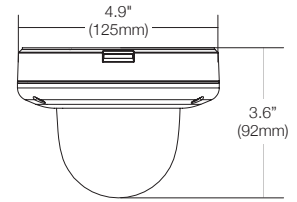


## Accessories (optional)



## Dimensions

unit: Inch (mm)



## Specifications



|                                       |   |
|---------------------------------------|---|
| <b>IMAGE</b>                          |   |
| Image sensor                          | 5MP 1/2.8" CMOS   |
| Total pixels                          | 2592(H) X 1944(V)   |
| Minimum scene illumination            | 0.08 lux (color)<br>0.0 lux (B&W)   |
| Video output                          | Local video output CVBS 1.0V p-p (75Ω),<br>4:3 aspect ratio   |
| <b>LENS</b>                           |   |
| Focal length                          | 2.7-13.5mm, F1.4  |
| Lens type                             | Vari-focal p-iris lens with motorized-zoom<br>and auto-focus  |
| Field of view (FoV)                   | 85° - 31°   |
| IR distance                           | 100ft range   |
| Optical zoom / digital zoom           | x5 optical zoom   |
| <b>I/O</b>                            |   |
| Audio in/out                          | 1/1   |
| Audio compression                     | G.711   |
| Alarm in/out                          | 1/1   |
| <b>OPERATIONAL</b>                    |   |
| 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  |
| Wide Dynamic Range (WDR) dB           | 120dB   |
| Privacy zone                          | 16 programmable privacy masks   |
| Backlight Compensation (BLC)          | Yes   |
| Mirror and flip                       | Yes   |
| Alarm notifications                   | Notifications via e-mail notifications, FTP, alarm<br>output and SD card recording  |
| Memory Slot                           | Micro SD / SDHC / SDXC (card not included)  |
| <b>NETWORK</b>                        |   |
| LAN                                   | 10/100Base-T  |
| Video compression type                | H.265, H.264, MJPEG   |
| Resolution                            | H.265: 2592x1944, 2304x1296, 2.1MP/1080p, 720p,<br>VGA, D1, CIF<br>H.264: 2592x1944, 2304x1296, 2.1MP/1080p, 720p,<br>VGA, D1, CIF<br>MJPEG: 2.1MP/1080p, 720p, 800x600, VGA,<br>768x432, D1, CIF |
| Frame rate                            | Up to 30fps at all resolutions  |
| Video bitrate                         | H.264 / H.265 : 32Kbps - 14Mbps<br>MJPEG : 1Mbps - 40Mbps   |
| Bitrate control                       | H.265 dual-stream or simultaneous H.265 / H.264<br>/ MJPEG  |
| Streaming capability                  | Dual-stream at different rates and resolutions  |
| IP                                    | IPv4, IPv6  |
| Protocol                              | TCP/IP, UDP, AutoIP, RTP(UDP/TCP), RTSP, NTP,<br>HTTP, HTTPS, SSL, DNS, DDNS, DHCP, FTP, SMTP,<br>ICMP, SNMPv1/v2/v3(MIB-2), ONVIF  |
| Security                              | HTTPS(SSL), IP filtering, 802.1x,<br>digest authentication(ID/PW)   |
| ONVIF conformance                     | Yes   |
| Web viewer                            | OS: Windows®, Mac® OS, Linux®<br>Browser: Internet Explorer®, Google Chrome®,<br>Mozilla Firefox®, Safari®  |
| Video management software             | DW Spectrum® IPVMS  |
| <b>ENVIRONMENTAL</b>                  |   |
| Operating temperature                 | -4°F - 122°F (-20°C - 50°C)   |
| Operating humidity                    | 10-90% RH (non-condensing)  |
| IK rating                             | IK10 impact resistant   |
| IP rating                             | IP66 certified  |
| Other certifications                  | UL listed, CE, FCC, RoHS  |
| <b>ELECTRICAL</b>                     |   |
| Power requirement                     | DC 12V, PoE (IEEE 802.3af Class 3).<br>(Adapter not included)   |
| Power consumption                     | DC12V: max7.4W<br>PoE: max8.7W  |
| <b>MECHANICAL</b>                     |   |
| Material                              | Aluminum vandal housing, polycarbonate dome   |
| Dimensions                            | 4.9" x 3.6" (125 x 92 mm)   |
| Weight                                | 1.12 lb (0.51kg)  |
| Warranty                              | 5 year warranty   |