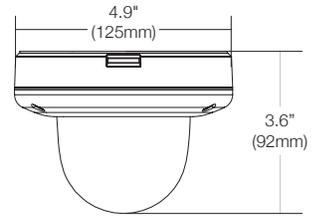




## Dimensions

Unit: Inch (mm)



## Specifications



| IMAGE                                 |  |
|---------------------------------------|--|
| 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), 4:3 aspect ratio   |
| LENS                                  |  |
| Focal length                          | 2.7-13.5mm, F1.4   |
| Lens type                             | Vari-focal p-iris lens with motorized-zoom and auto-focus  |
| HFOV / VFOV                           | 96° - 31° / 70° - 24°  |
| IR distance                           | 100ft range  |
| Optical zoom / digital zoom           | x5 optical zoom  |
| I/O                                   |  |
| Audio in/out and compression          | 1/1  |
| Audio compression                     | G.711  |
| Alarm in/out                          | 1/1  |
| OPERATIONAL                           |  |
| Intelligent Video Analytics           | IVA license: intrusion, line crossing, counting line, loitering, enter, exit, tamper<br>IVA+ license: object removed, tailgating, direction, stopped, appear, disappear, object left     |
| 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, 120dB  |
| Privacy zone                          | 16 programmable privacy masks  |
| Backlight Compensation (BLC)          | Yes  |
| Mirror and flip                       | Yes  |
| Alarm notifications                   | Notifications via e-mail notifications, FTP, alarm output and SD card recording  |
| Memory slot                           | Micro SD / SDHC / SDXC (card not included)   |
| NETWORK                               |  |
| LAN                                   | 10/100 Base-T  |
| Video compression type                | H.265, H.264, MJPEG  |
| Resolution                            | H.265: 2592x1944, 2304x1296, 2.1MP/1080p, 720p, VGA, D1, CIF<br>H.264: 2592x1944, 2304x1296, 2.1MP/1080p, 720p, VGA, D1, CIF<br>MJPEG: 2.1MP/1080p, 720p, 800x600, VGA, 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                       | 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, AutoIP, RTP (UDP/TCP), RTSP, NTP, HTTP, HTTPS, SSL, DNS, DDNS, DHCP, FTP, SMTP, ICMP, SNMPv1/v2/v3 (MIB-2), ONVIF   |
| Security                              | HTTPS (TLS), IP filtering, 802.1x, digest authentication (ID/PW)   |
| ONVIF conformance                     | Yes  |
| Web viewer                            | OS: Windows®, Mac® OS, Linux®<br>Browser: IE®, Google Chrome®, Mozilla Firefox®, Safari®   |
| 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 and IK rating                      | IP66-rated, IK10 impact resistant  |
| Other certifications                  | UL listed, CE, FCC, RoHS   |
| ELECTRICAL                            |  |
| Power requirement                     | DC 12V, PoE IEEE 802.3af Class3. (Adapter not included)  |
| Power consumption                     | DC12V: max7.4W<br>PoE: max8.7W   |
| MECHANICAL                            |  |
| 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  |

## Summary

This MEGAPIX IVA™ IP camera is your gateway to powerful video analytics features. It is NDAA/TAA compliant and provides 5MP resolution at real-time 30fps. The MEGAPIX IVA cameras have a powerful engine to detect and classify people and vehicles in real-time. IVA+ license upgrade offers advanced Video Content Analysis detection capabilities. This camera 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
- Intelligent Video Analytics (IVA)
- Extended Intelligent Video Analytics (IVA+ license required)
- Seamless integration and control of IVA rules with DW Spectrum® IPVMS
- 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 and relay output
- Web server built-in
- PoE class 3 and DC12V
- UL listed
- NDAA/TAA compliant
- IP66 environmental-rated dust-tight and water-resistant
- IK 10-rated impact-resistant
- 5 year warranty



## Accessories (Optional)

