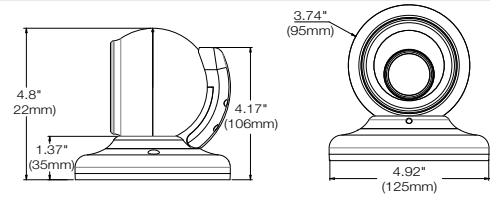




### Dimensions

Unit: Inch (mm)



### Specifications

| IMAGE                           |  |
|---------------------------------|--|
| Image sensor                    | 8.48MP 1/1.8" Star-Light Plus™ sensor  |
| Total pixels                    | 3856(H) X 2200(V)  |
| Active pixels                   | 3840 (H) X 2160 (V)  |
| Minimum scene illumination      | 0.035 lux (color)<br>0 lux (white light)   |
| Color temperature               | Warm light, 3300K  |
| WL wavelength (lumen)           | 200lm  |
| S/N ratio                       | 50dB   |
| LENS                            |  |
| Focal length                    | 3.6-10mm F1.5  |
| Lens type                       | Vari-focal p-iris lens with motorized zoom and auto-focus  |
| Horizontal Field of view (HFOV) | 45.7°-98.4°  |
| Vertical Field of view (VFOV)   | 25.9°-54.6°  |
| IR distance                     | 90ft range white light   |
| Optical zoom / digital zoom     | 2.7x optical zoom  |
| I/O                             |  |
| Audio input/output              | 1 microphone built-in/ 1 speaker built-in  |
| Audio compression               | G.711 ulaw   |
| Alarm input/output              | 1 input/1 output   |
| Event trigger                   | Motion alarm, network loss, temperature anomaly, illegal login, schedule, sensor detection   |
| INTELLIGENT VIDEO ANALYTICS     |  |
| AI-based video analytics        | AI-based object and people detection, classification and tracking  |
| Analytics filters               | Zones and lines, tamper, metadata, intrusion, line crossing, counting, counting lines, appear, disappear, stopped, enter, exit, direction, tailgating, dwell, logical rules  |
| OPERATIONAL                     |  |
| 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                   | Color only   |
| 3D Digital Noise Reduction      | Smart DNR™ 3D-DNR  |
| Wide Dynamic Range (WDR)        | True WDR   |
| Wide Dynamic Range (WDR) dB     | 120dB  |
| White balance                   | Yes  |
| Privacy zones                   | 16 programmable privacy masks  |
| Mirror and flip                 | Yes  |
| Alarm notifications             | Notifications via email, FTP, alarm output, SD card recording and flashlight   |
| Memory slot                     | Micro SD/SDHC/SDXC class 10 card (not included)  |
| NETWORK                         |  |
| LAN                             | 1000Base-T (1Gbps)   |
| Video compression type          | H.265, H.264, MJPEG  |
| Resolution                      | H.265: 3840x2160, 2592x1944, 2560x1440, 1920x1080, 1280x720, 640x480, 640x360, 352x288, 352x240<br>H.264: 3840x2160, 2592x1944, 2560x1440, 1920x1080, 1280x720, 640x480, 640x360, 352x288, 352x240<br>MJPEG: 1920x1080, 1280x720, 800x600, 768x432, 704x576, 704x480, 640x480, 640x360, 352x288, 352x240 |
| Frame rate                      | Up to 30fps at all resolutions   |
| Video bitrate                   | 100Kbps - 25Mbps, multi-rate for preview and recording   |
| Bitrate control                 | Multi-streaming CBR/VBR at H.265 (controllable frame rate and bandwidth)   |
| Streaming capability            | Triple Streaming (3rd stream MJPEG only)   |
| IP                              | IPv4   |
| 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   |
| ONVIF conformance               | Yes  |
| Web viewer                      | OS: Windows OS, Mac OS, Linux OS<br>Browser: Microsoft Edge, Google Chrome, Mozilla Firefox, Safari  |
| Video management software       | DW Spectrum  |
| ENVIRONMENTAL                   |  |
| Operating temperature           | -4°F - 122°F (-20°C - 50°C)  |
| Operating humidity              | 10-90% RH, (non-condensing)  |
| IK rating                       | IK10 impact-resistant  |
| IP rating                       | IP67-rated   |
| Other certifications            | CE, FCC, UL, NDAA, TAA   |
| ELECTRICAL                      |  |
| Power requirement               | DC12V, PoE, adapter not included   |
| Power consumption               | 12V DC: 12W, 1A ; PoE: 15W, 312.5mA  |
| MECHANICAL                      |  |
| Material                        | Aluminum vandal housing, polycarbonate lens cover  |
| Dimensions                      | 4.92" x 4.79" (125 x 121.7 mm)   |
| Weight                          | 1.94 lbs (0.88 kg)   |
| Warranty                        | 5 year warranty  |

### Summary

This NDAA/TAA-compliant MEGAPIX Ai turret IP camera is the ultimate active deterrent. It delivers 4K resolution at 30fps, featuring a built-in 90ft range white light and red/blue flashing LEDs. An onboard edge AI engine identifies people, vehicles, and objects in real-time. An all-in-one camera, it also includes alarm functions, a built-in microphone and speaker.

### Features

- 4K sensor at real-time 30fps
- Star-Light Plus™ color in near-total darkness technology.
- AI-based object and people detection, classification and tracking.
- Create up to 40 separate detection zones.
- Easy setup with no manual calibration
- Seamless integration and control with DW Spectrum.
- Reduce false alarms with multiple detection zones and logical rules.
- Increase your recording storage with smart recording and no false alarms.
- Active deterrence with white light illumination and red/blue flash LEDs for an all-in-one camera installation
- Vari-focal p-iris lens with motorized zoom and autofocus for complete remote lens control and a 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
- 90' white light illumination with intelligent camera sync for clear color images with no need for external light.
- Smart DNR 3D digital noise reduction minimizes noise and ghosting in motion, particularly in low-light environments.
- Privacy zones cover sensitive areas in the camera's field of view.
- Two-way audio with built-in microphone and speaker for direct communication between the monitoring station and the camera's location.
- Local SD card slot for local recording in case of network loss.
- Alarm sensor input and relay output for access control integration
- Web server built in for easy camera management from any browser
- High-power PoE and DC12V for single cable simplified installation
- NDAA/TAA compliant for federal and government projects
- IP67- and IK10-rated camera housing built to last
- 5 year warranty

### Accessories (Optional)



DWC-PMB-WL-W Pole mount



DWC-VAJUNC Junction box



DWC-VACM Ceiling mount



DWC-V1CNMW Corner mount



DWC-GPLT-W Converter plate



DWC-VAWM Wall mount



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