



- 16MP**  
Resolution at 30fps
- 4x** Fixed Lenses\*
- 4-in-1 Install
- Flexible Sensor Install
- IP66 Rated
- 5 YEAR**  
Warranty

## Summary

MEGApix® Flex™ 16MP multi-sensor configurable IP cameras reduce total system cost by providing four 4MP CMOS sensors in one housing and installation. The Flex™ camera produces four video streams at real-time 30fps.

The camera comes as a complete solution including 4 fixed lenses installed or is fully customizable with camera base unit plus selection of up to 4 sensor/lens modules. Modules DO NOT need to be same lens size. Modules available with 2.8mm, 4.0mm, 6.0mm or 8.0mm lenses. Camera base unit and sensor/lens modules are sold separately (see below details chart).

## Features

- 16MP 1/3" image sensors at real-time 30fps
- 360° and 180° flexible panoramic view IP camera
- Available as a complete system with 4x 2.8mm, 4x 4.0mm, 4x 6.0mm, or 4 x 8.0mm lens modules or camera and other lens options sold separately.
- Four cameras in one installation
- Flexible sensor positioning with magnets
- True wide dynamic range (WDR)
- PoE injector included
- Dual codecs (H.264, MJPEG) with simultaneous dual-stream
- Two-way audio
- Smart DNR™ 3D digital noise reduction
- True day/night with mechanical IR cut filter
- Auto gain control (AGC)
- Auto white balance (AWB)
- Motion detection
- 4x Micro SD/SDHC/SDXC class 10 card (card not included)
- Alarm sensor input
- Relay output
- Web server built-in
- UL listed
- ONVIF conformant, profile S
- PoE Class 3 and DC12V
- NDA A compliant
- IP66 environmental-rated dust-tight and water-resistant
- 5 year warranty



### Flexible Configuration:

1. DWC-PVX16W2W: 4x 2.8mm modules
2. DWC-PVX16W4W: 4x 4.0mm modules
3. DWC-PVX16WW base camera and up to four modules: 2.8mm, 4.0mm, 6.0mm, 8.0mm

### Focal Length:

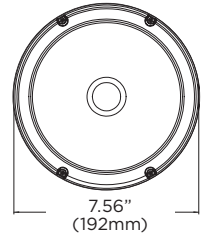
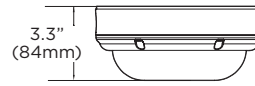
- DWC-PVXLMOD28 - 2.8mm lens module
- DWC-PVXLMOD4 - 4.0mm lens module
- DWC-PVXLMOD6 - 6.0mm lens module
- DWC-PVXLMOD8 - 8.0mm lens module

### Accessories (Optional)

-   
DWC-V1CNMW  
Corner mount
-   
DWC-PZCMW  
Ceiling mount  
bracket
-   
DWC-PZADPW  
Tilting adapter for  
parapet mount
-   
DWC-PZPARAMW2  
Parapet mount  
(DWC-PZADPW  
required. Purchased  
separately)
-   
DWC-PMB-WLW  
Pole mount
-   
DWC-PZWMW  
Wall mount  
bracket

## Dimensions

Unit: Inch (mm)



## Specifications



| IMAGE                                 |  |
|---------------------------------------|--|
| Image sensor                          | 4x 4MP 1/3" CMOS   |
| Total pixels                          | 4x 2688 (H) x 1520 (V)   |
| Minimum scene illumination            | 0.41 lux (color)   |
| Test video out                        | Local video output CVBS 1.0V p-p (75Ω), 4:3 aspect ratio   |
| Maximum resolution                    | 4x 4MP   |
| LENS                                  |  |
| Focal length                          | DWC-PVX16W2W: 4x 2.8mm fixed lenses<br>DWC-PVX16W4W: 4x 4.0mm fixed lenses<br>DWC-PVX16WW: 2.8mm, 4.0mm, 6.0mm and 8.0mm lens combinations, base unit plus lens modules sold separately. |
| Lens type                             | Fixed lens   |
| Field of view (HFOV)                  | 90° (2.8mm), 51° (6.0mm), 81° (4.0mm), 39° (8.0mm)   |
| I/O                                   |  |
| Audio in/out                          | 1 input/1 output   |
| Alarm in/out                          | 1 input/1 output   |
| Audio compression                     | G.711  |
| OPERATIONAL (per sensor)              |  |
| Shutter mode                          | Auto, manual, anti-flicker, slow shutter   |
| Shutter speed                         | 1/15 - 1/32000   |
| Slow shutter                          | 1 - 1/5, 1/7.5, 1/10   |
| Auto gain control                     | Yes  |
| Day/night                             | Auto, day (color), night (B/W)   |
| Smart DNR™ 3D digital noise reduction | Yes  |
| Wide Dynamic Range (WDR)              | True WDR on, off, 120dB  |
| White balance                         | Auto   |
| Mirror and flip                       | Yes  |
| Privacy zones                         | 16 programmable privacy masks  |
| Alarm notifications                   | Email notifications, FTP, alarm output, SD card recording  |
| Memory slot                           | 4x micro SD/SDHC/SDXC class 10 card (not included)   |
| NETWORK                               |  |
| LAN                                   | 1000base-T(1Gbps)  |
| Video compression type                | H.264, MJPEG   |
| Resolution                            | Up to 10,752 (H) x 1520 (V) total pixels   |
| Frame rate                            | Up to 30fps at all resolutions   |
| Video bitrate                         | 100Kbps - 10Mbps, multi-rate for preview and recording   |
| Bitrate control                       | Multi-streaming CBR/VBR at H.264 (controllable frame rate and bandwidth)   |
| Streaming capability                  | Triple-stream at different rates and resolutions   |
| IP                                    | IPv4   |
| Protocol                              | ONVIF, TCP/IP, UDP, autoIP, RTP (UDP/TCP), RTSP, NTP, HTTP, HTTPS, SSL, DNS, DDNS, DHCP, FTP, SMTP, ICMP, SNMPv1/v2c/v3 (MIB-2)  |
| 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 temp. and humidity          | -4°F - 122°F (-20°C - 50°C), 10-90% RH, (non-condensing)   |
| IP rating                             | IP66-rated   |
| Other certifications                  | FCC, CE, ROHS, UL listed   |
| ELECTRICAL                            |  |
| Power requirement                     | DC12V, PoE+ IEEE 802.3at class 4 (High power PoE injector included)  |
| Power consumption                     | 18W  |
| MECHANICAL                            |  |
| Material                              | Aluminum vandal housing, polycarbonate dome  |
| Dimensions                            | 7.55" x 3.3" Inch (192 x 84 mm)  |
| Weight                                | 4.4 lbs (2.0 kg)   |
| Warranty                              | 5 year warranty  |



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