



16MP
Resolution at 30fps

4x
4x Fixed Lenses
2.8/4.0/6.0mm Options

4 Cameras
1 Installation

Flexible Sensor
Placement with Magnets

IP66 Rated

5 YEAR
Warranty

Summary

MEGApiX® Flex™ 16MP multi-sensor configurable view IP cameras lower 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. Zoom-in for forensic-quality details with DW Spectrum® IPVMS.

Features

- 16MP 1/3" image sensors at real-time 30fps
- 360° and 180° flexible panoramic view IP camera
- Customizable 2.8mm, 4.0mm and 6.0mm lens options
- 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
- Easy image alignment and stitching
- Smart DNR™ 3D digital noise reduction
- True day/night with mechanical IR cut filter
- Auto gain control (AGC)
- Backlight compensation (BLC)
- Auto white balance (AWB)
- Motion detection
- Micro SD/SDHC/SDXC class 10 card (card not included)
- Alarm sensor input
- Relay output
- Web server built-in
- ONVIF conformant, profile S
- PoE class 4 and DC12V
- IP66 certified weather and tamper resistant
- 5 year warranty

Accessories (Optional)



DW-PZCM
Ceiling mount



DW-PZADP
Adapter for parapet mount



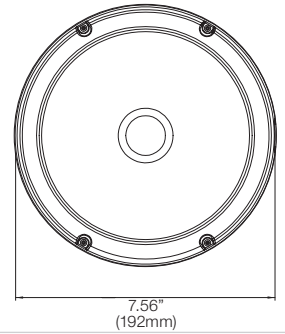
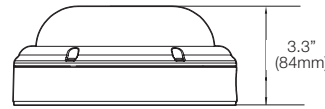
DWC-PZWM
Wall mount



DWC-PZPARAM
Parapet mount (DWC-PZADP required. Purchased separately)

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	4x 2.8mm, 4.0mm, 6.0mm F2.0 (configurable at the time of order)
Lens type	Fixed lens
Field of view (FoV)	H: 90° (2.8mm) H: 81° (4mm) H: 51° (6mm)
I/O	
Audio in / out	1/1
Alarm in / out	1/1
Audio compression	G.711
OPERATIONAL (per sensor)	
Shutter mode	Auto, manual, anti-flicker, slow shutter
Shutter speed	1/30 ~ 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
Wide Dynamic Range (WDR) dB	120dB
White balance	Auto
Mirror and flip	Yes
Privacy zones	16 programmable privacy masks
Alarm notifications	Notifications via e-mail notifications, FTP, alarm output, SD card recording
Memory slot	Four (4x) micro SD/SDHC/SDXC class 10 card (card not included)
NETWORK	
LAN	1000base-T(1Gbps)
Video compression type	H.264, MJPEG
Resolution	H.264: 1440p/1080p/720p/VGA/D1/CIF MJPEG: 800x600/VGA/768 x 432/D1/CIF
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 (SSL), IP filtering, 802.1x, Digest Authentication (ID/PW)
ONVIF conformance	Yes
Web viewer	OS: Windows®, Mac® OS, Linux® Browser: Internet Explorer®, 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 rating	IP66 certified weather and tamper resistant
Other certifications	FCC, CE, ROHS
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	7.48" x 3.54" Inch (190 x 90 mm)
Weight	4.4 lbs (2.0 kg)