



**4x 7.2mm
Fixed
Lenses**



4in1
One Installation
**WORLD'S
FIRST!**
48
MEGAPIXEL™

48MP

Total Resolution



Panoramic View

4x

7.2mm Fixed Lenses



Smart DNR™



BLC



IP66 Rated

Summary

The multi-sensor MEGApix® PANO 48MP 180° view camera is an NDA/TAA compliant camera that uses four 12MP CMOS sensors to produce 180° views at up to 15fps at 48MP and 30fps at 32MP resolution via a single PoE Plus connection. The camera's remote alignment and field of view adjustment delivers unbeatable image quality. The camera comes in an IP66-rated weather resistant enclosure with anti-reflective glass.

Features

- 4x 12MP 1/2.3" image sensor at real-time 30fps
- 48MP 180° panoramic view IP camera
- 4x 7.2mm auto focus fixed lens
- Fast frame rates: 15fps at 48MP / real-time 30fps at 32MP
- Zero distortion anti-reflective glass
- PoE injector included
- Easy image alignment and stitching
- Advanced 1.0Ghz dual core video processors
- 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
- Web server built-in
- PoE+ high power and DC12V
- NDA/TAA compliant
- IP66 environmental-rated dust-tight and water-resistant

Accessories (Optional)



DWC-V1CNM
Corner mount
bracket



DW-PZCM
Ceiling
mount



DW-PZADP
Adapter for
parapet mount



DWC-PMB-WL
Pole mount
bracket



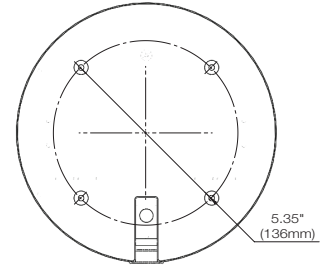
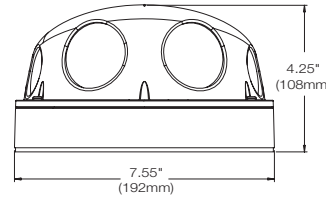
DWC-PZWM
Wall mount



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

Dimensions

Unit: Inch (mm)



Specifications

IMAGE	
Image sensor	4x 1/2.3" CMOS
Total pixels	4x 4000 (H) x 3000 (V)
Minimum scene illumination	0.5 lux (color) 0.1 lux (B/W)
S/N ratio	50dB
Maximum resolution	48MP (4x 12MP)
LENS	
Focal length	4x 7.2mm
Lens type	Fixed lens
Field of view (FoV)	48MP: 48° HFOV per image, 185° total HFOV 32MP: 46° HFOV per image, 180° total HFOV
OPERATIONAL	
Shutter mode	Auto, manual, slow shutter
Shutter speed	1/25 - 1/10000 Sec
Slow Shutter	1/7.5 - 1/32000
Auto gain control	Auto
Day / night	Auto, day (color), night (B/W)
Smart DNR™ 3D digital noise reduction	Off, low, middle, high
White balance	Auto, indoor, outdoor, manual
Mirror and flip	Yes
Backlight compensation (BLC)	On, off
NETWORK	
LAN	1000Base-T (1Gbps)
Video compression type	H.264
Resolution	Up to 16,000 (H) x 3000 (V) total pixels
Frame rate	48MP: 15fps per sensor 32MP: 30fps per sensor
Video bitrate	4Mbps/8Mbps/12Mbps
Bitrate control	Multi Streaming CBR/VBR at H.264 (Controllable frame rate and Bandwidth)
Streaming capability	1 main high resolution, 1 low resolution streams
IP	IPv4
Protocol	TCP/IP, DHCP, UDP, RTSP, NTP, RTP, Zeroconf, UpnP, Telnet
Web viewer	OS: Windows® 7, Windows® 8, Windows® 10 Browser: IE, Chrome, Firefox
Video management software	DW Spectrum® IPVMS
ENVIRONMENTAL	
Operating temperature	-40°F - 122°F (-40°C - 50°C)
Operating humidity	Less than 80% (non-condensing)
IP rating	IP66 certified
Other certifications	FCC, CE, ROHS
ELECTRICAL	
Power requirement	DC12V, PoE+ IEEE 802.3at PoE+ (High power PoE injector included)
Power consumption	12VDC: 22.5W PoE+: 25.5W
MECHANICAL	
Material	Aluminum vandal housing, polycarbonate dome
Dimensions	7.55" x 4.25" (192 x 108mm)
Weight	4.4 lbs (2kg)
MINIMUM CLIENT REQUIREMENTS	
NOTE: DW Spectrum® IPVMS client must run a separate system than the recording one	
Processor	Intel® Core™ i5 4th generation processor or higher
RAM	16GB
Network	1Gbps
Graphics card	nVidia GeForce® 1050 or comparable
MINIMUM SERVER REQUIREMENTS	
NOTE: Blackjack® servers supporting the DWC-PZV2M72T: DW-BJER3UxT, DW-BJER4UxT	
Processor	Intel® Core™ i7 4th generation processor or higher
RAM	16GB
Network	1Gbps
Hard drive	Enterprise level HDD