



WORLD'S
FIRST!
48
MEGAPIXEL™

48MP Total Resolution **180°** Panoramic View **4x** 7.2mm Fixed Lenses Smart DNR™ IP66 Rated Limited Warranty **5YEAR**

Summary

The multi-sensor MEGApiX® PANO 48MP 180° View Camera 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
- IP66 certified weather and tamper resistant

Accessories (Optional)



DWC-PZCNM
Corner Mount for 48MP
Dome Camera



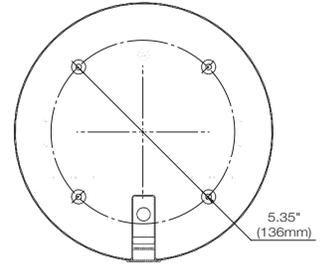
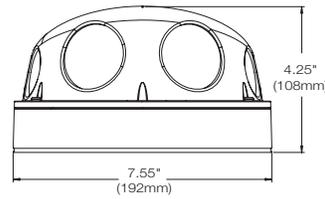
DW-PZCM
Ceiling Mount for
48MP Dome Camera

DW-PZADP
Adapter for 48MP
Dome Camera and
Parapet Mount

DWC-PZWM
Wall Mount for 48MP
Dome Camera

Dimensions

Unit: Inch (mm)



Specifications

IMAGE	
Image sensor	4x 1/2.3" CMOS
Total pixels	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 mode: 48° HFOV per image, 185° total HFOV 32MP mode: 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 16000 x 3000
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 weather and tamper resistant
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	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-BJER2UxT, DW-BJER3UxT, DW-BJER4UxT	NOTE: BlackJack® servers supporting the DWC-PZV2M72T: DW-BJER2UxT, DW-BJER3UxT, DW-BJER4UxT
Processor	Intel® Core™ i7 4th generation processor or higher
RAM	16GB
Network	1Gbps
Hard drive	Enterprise level HDD