MEGAPIX PTZ Dome MPTZ20X

DW ip · ONVIF · 2 YEAR WARRANTY

2.1 Megapixel	Auto Focus Lens	20x Optical Zoom	PoE	Two Way Audio	Micro SD SDHC Card

Summary

The MPTZ20X MEGAPIX camera is a triple codec Pan, Tilt, Zoom network camera that provides 1080P megapixel resolution at 30 frames per second. The camera's advanced technologies such as True Day and Night, 3D-DNR, and WDR will deliver the best images in any type of environment. The camera's powerful 4.7~94mm Lens offers instant 20x Optical zoom controller from the camera's web-viewer without the need for additional cabling. And Power over Ethernet, Two-way Audio, and Micro SD card slot allow you to view and control your MEGApix camera anywhere in the world just minutes.
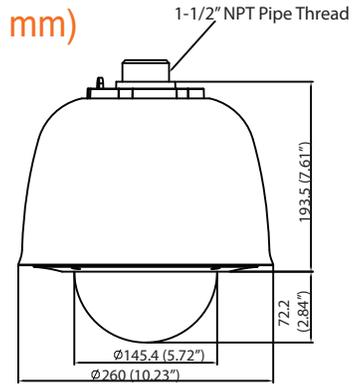
Features

- ONVIF Compliant
- 2.1 Megapixels, 30fps at All Resolution
- Triple Codec, Simultaneous Multi Stream
- 1/2.8" CMOS Sensor
- 4.7~94mm Varifocal Auto Iris Lens
- 20X Optical Zoom with Auto Focus
- 12X Digital Zoom
- Auto Day and Night with IR Cut Filter
- Pan 0~360° Endless, 360° Per Second Pan Speed
- Vector Drive Technology (Pan/Tilt Motion in Shortest Path)
- 255 Preset Positions, 4 Sequences, 8 Swings, 8 Tours
- WDR (Wide Dynamic Range)
- 3D-DNR (3D Digital Noise Reduction)
- Two-Way Audio
- 3 Sensor Inputs, 1 Sensor Output
- Motion Detection with Smart Notifications
- Micro SD/SDHC Class 10 Card for Emergency Backup
- IP66 Certified (Weatherproof)
- Heater and Fan Built-in
- AC24V & High Power PoE Injector (not included)

Required Accessories

DWC-P39POLM
Pole Mount (Optional)

DWC-P39CNM
Corner Mount (Optional)

DWC-P20SPM
Short Pendant Mount

DWC-P20WM
Wall Mount Mount

DWC-P20PM
Pendant Mount

Dimensions (unit : mm)

1-1/2" NPT Pipe Thread

193.5 (7.61")
72.2 (2.84")
Ø145.4 (5.72")
Ø260 (10.23")

Specifications

IMAGE	
Image Sensor	1/2.8" CMOS Sensor (7% Larger Than 1/3" CMOS Sensor)
Synchronization	Internal
Minimum Scene Illumination	F1.6 (50IRE): 1.7 Lux [Color]
	F1.6 (50IRE): 0.3 Lux [B&W]
LENS	
Focal Length	4.7~94mm
Lens Type	Auto Focus
Digital Zoom / Optical Zoom	12X / 20X
Maximum Aperture Ratio	F1.6~F3.5
OPERATIONAL	
Auto Gain Control	Auto, Manual, Shutter Priority, Iris Priority, Bright, Spotlight
White Balance	AWB, Indoor, Outdoor, Manual
Day and Night	Auto, Day (Color), Night (B/W)
Back Light Compensation	Off, On
Wide Dynamic Range	Off, On
3D-Digital Noise Reduction	Off, 1~5
Motion Detection	Notifications: FTP, E-mail, Alarm Out, JPEG on SD Card
Sensor In/ Out	3 In/ 1 Out
Audio	
Compression and Sampling Rate	G.711 (8KHz)
Input / Output	1 Line In and 1 Line Out Mono
Pan Tilt Zoom	
Range	360° Pan, 90° Tilt
Preset	255
Sequence	4 (Approximately 5 Minutes for Each Sequence)
Swing	8, 1.4°~180°/Sec
Tour	8 (Max 20 Entires Per Tour)
Protocol	Pelco-P, Pelco-D
NETWORK	
Interface	Ethernet 10/100 Base-T (RJ-45)
Video Compression Type	H.264, MPEG4, MJPEG
Resolution	1920X1080
Frame Rate	Up to 30fps at All Resolutions
Protocol	TCP/IP, HTTP, DHCP, UPNP, RTP, RTSP, DDNS, NTP, UDP, Multicast
Maximum User Access	5 Users
ONVIF Conformance	Yes
Web Viewer	OS: Windows XP / Vista / 7, MAC OS
	Browser: Internet Explorer, Chrome, Firefox, Safari
Video Management Software	NxMS, DW Spectrum, Pivot
Memory Slot	24 hours recording to Micro SDHC Card (4GB-32GB)
	Card Not Included*
ENVIRONMENTAL	
Operating Temperature/ Humidity	-45°C ~ 50°C (-49°F ~ 122°F)
Operating Humidity	Less than 90% (Non-Condensing)
Storage Temperature	-20°C ~ 70°C (-4°F ~ 158°F)
IP Rating	IP66 (Protects against dust and high pressure water)
Other Certifications	CE, FCC, RoHS
ELECTRICAL	
Power Requirement	AC24V, PoE Injector (IEEE802.3af)
Power Consumption	Heater Off: 22W, 900mA
	Heater On: 46W, 1,900mA
MECHANICAL	
Material	Aluminum Housing, Polycarbonate Dome
Dimensions	260 X 271.5 mm, 10.2 X 10.7 in
Weight	10.9 lbs

*Specification is subject to change without prior notice.

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