

MEGAPIX MPTZ20X

IP 2.1MP PTZ Camera



Full HD



Dual Streaming



Motion Detection



Triplex Encoder



ONVIF



PoE



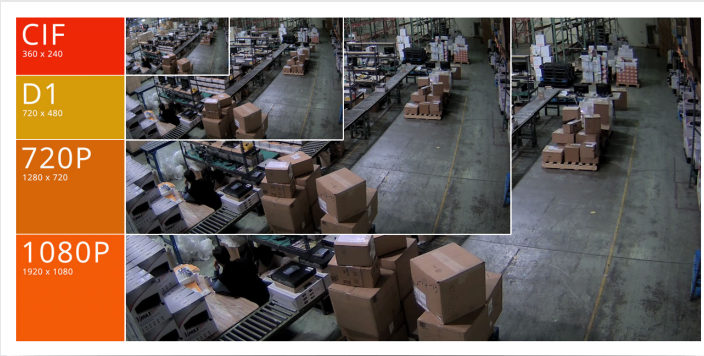
UPnP



Easy Installation

Full High Definition

delivers crystal clear 1080P HD resolution video images at 30 frames per second



OnVIF

(Open Network Video Interface Forum)

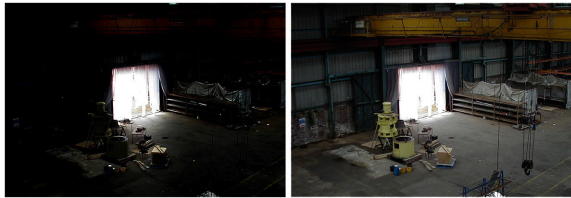
compliant with OnVIF standards for increased flexibility and reduced total cost



WDR

(Wide Dynamic Range)

captures full range of details in both bright and dark environments simultaneously



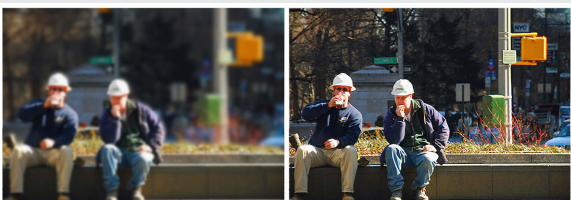
3D-DNR

produces less noise while providing more color at night



Auto Focus

provides crisp and clear images at all times with its unique remote Auto-Focus Zoom



PoE

(Power Over Ethernet)

simplifies installation by connecting both power and network through a single cable



Day & Night

provides high quality low-light recording by analyzing the ambient light level to automatically switch between day & night mode



Vector Drive Technology

(Limitless 360° Pan / Tilt)

pan 0 - 360° endless at 360° per second pan speed





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.

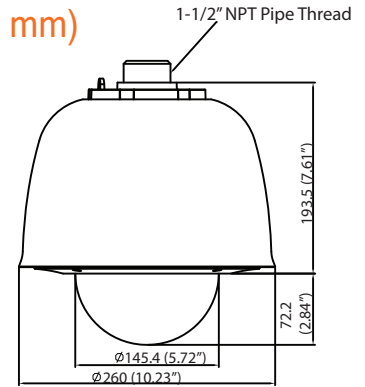
Features

- 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



Dimensions (unit : mm)



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 Entire 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.