The MPTZ20XFM 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 in just minutes.

Summary

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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)
- AGC / BLC / AWB
- Two-Way Audio
- 3 Sensor Inputs, 1 Sensor Output
- Motion Detection with Smart Notifications
- Micro SD/SDHC Class 10 Card for Emergency Backup
- Heater and Fan Built-in
- AC24V & High Power PoE Injector (not included)

Specifications

- **IMAGE**
  - Image Sensor: 1/2.8” CMOS Sensor (7% Larger Than 1/3” CMOS Sensor)
  - Synchronization: Internal
  - Minimum Scene Illumination: F1.6 (S0RE): 1.7 Lux [Color]
    - F1.6 (S0RE): 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-F2.0

- **OPERATIONAL**
  - Auto Gain Control: Auto, Manual, Shutter Priority, Iris Priority, Bright, Spotlight
  - 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 80 Entries Per Tour)
    - Protocol: Pelco-P, Pelco-D

- **NETWORK**
  - Interface: Ethernet 10/100 Base-T (RJ-45)
  - Video Compression Type: H.264, MJPEG, MPEG4
  - Resolution: 1920X1080
  - Frame Rate: Up to 30fps at All Resolutions
  - Protocol: TCP/IP, HTTP, DHC, 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: NMS, DW Spectrum, Pivot
  - Memory Slot: 24 hours recording to Micro SDHC Card (4GB-32GB)
  - Card Not Included*

- **ELECTRICAL**
  - Power Requirement: AC24V, PoE Injector (6EEE002.3sd)
  - Power Consumption: Heater Off: 15W, 1,250mA
  - Heater On: 55W, 4,583mA

- **ENVIRONMENTAL**
  - Operating Temperature/ Humidity: -10°C ~ 50°C (14°F ~ 122°F)
  - Operating Humidity: Less than 90% (Non-Condensing)
  - Storage Temperature: -20°C ~ 70°C (-4°F ~ 158°F)
  - Other Certifications: CE, FCC, RoHS

- **MECHANICAL**
  - Material: Aluminum Housing
  - Dimensions: 211.8 X 244.2 mm, 8.3 X 9.6 in
  - Weight: 6.39 lbs

*Specification is subject to change without prior notice.