GANZ

MP Series

IP MEGAPIXEL CAMERAS

REAL-TIME MEGAPIXEL VIDEO AT UP TO 15X THE RESOLUTION OF ANALOG CAMERAS

MP1A & MP2A
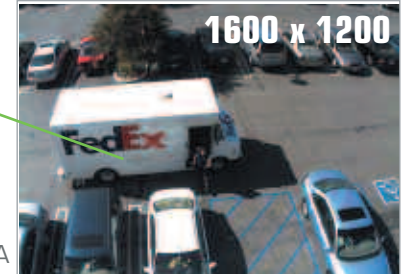### 1.3 Megapixel & 2 Megapixel IP Cameras

The MP1A and MP2A are IP addressable 1.3 and 2 megapixel color cameras delivering high definition full motion video at a maximum rate of up to 30 frames per second. The camera's viewing and recording software has the ability to zoom after the event from high resolution digital archives, providing up to 6x the resolution of analog cameras.

1.3 Megapixel IP Camera
Sensitive to 0.1 lux @ F1.4

Frame Rate up to 30 fps @ 280 x 1024

2 Megapixel IP Camera
Sensitive to 0.1 lux @ F1.4

Frame Rate up to 24 fps @ 1600 x1200

1600 x 1200

1-800-Go-FedEx
fedex.com

MP2A

MP3DN-2
3/1.3 Megapixel Day/Night IP Camera

The dual sensor technology of the MP3DN-2 offers the perfect solution for 24-hour Day/Night surveillance. During the day, the 3 megapixel color sensor delivers clear, high resolution images. When light levels fall, the 1.3 megapixel monochrome sensor automatically switches on providing excellent low light sensitivity down to 0.01 lux. This IP addressable camera delivers full motion high definition video across local area networks.

Night Mode

1280 x 1024

1920 x 1200

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Day Mode

Sensitivity from 0.01 lux to 100,000 lux

Frame Rate up to 20 fps @ 1920 x1200

MP5A
5 Megapixel IP Camera

The MP5A high definition megapixel camera offers IP surveillance with exceptional picture quality. This camera sets new standards in video quality and performance using progressive scan technology. The 5 megapixel sensor can record video up to 2560x1600 resolution providing 15x the resolution of analog cameras and allowing identification of small details within each scene.

5 Megapixel IP Camera
Sensitive to 0.3 lux @ F1.4

Frame Rate up to 15 fps @ 2560 x 1600

2560 x 1600

Images taken with **computar**®
Megapixel Lens 25mm focal length

MP8D-L4
8 Megapixel 360° Indoor IP Dome

The MP8D delivers panoramic views and cinema compatible frame rate to allow real time high definition digital video surveillance. The 360° field of view is achieved by using four separate 2 Megapixel CMOS sensors, each capturing images at a minimum of 90 degree angle and viewed as a quad image on one screen. The dome comes standard with four 4mm lenses.

Panoramic Dome with Four 2 Megapixel Imagers Sensitive to 0.2 lux @ F2.0

360°

SOFTWARE & SYSTEM CONFIGURATION

The MP Series cameras include flexible surveillance software supporting real-time multi camera viewing, motion detection, digital archiving and automatic identification and configuration of all installed cameras via graphical interface. In addition to standard functions like remote browser-based access to live and archived footage, our surveillance software also supports post-event zooming from digital archives, simultaneous viewing of zoomed and full field of view images and electronic PTZ control. The MP Series also offers free SDK for Linux and Windows allowing easy integration of high resolution video into large scale systems. Software and a license file are included with every MP Series camera.

Power-Over-Ethernet

LAN

INTERNET

INTERNET

MODELS

MP1A	1.3 Megapixel IP Camera w/ Auto-Iris Output
MP2A	2 Megapixel IP Camera w/ Auto-Iris Output
MP3DN-2	3/1.3 Megapixel Dual-Sensor D/N IP Camera
MP5A	5 Megapixel IP Camera w/ Auto-Iris Output
MP8D-L4	8 Megapixel, 360 degree IP Dome

GH-FCW24 optional outdoor housing available for the MP1A, MP2A, MP3DN-2 and the MP5A cameras.

COMPATIBLE computar MEGAPIXEL LENSES

Camera lens options	5mm	8mm	12mm	16mm	25mm	50mm	4-8mm	12-36mm	3.3x Macro
MP1A	√	√	√	√	√	√	√	√	√
MP2A	√	√	√	√	√	√	√	√	√
MP3DN-2		√	√	√	√	√			√
MP5A	√	√	√	√	√	√	√	√	√
MP8D-L4	*Four 4mm Lenses included with dome.								

SPECIFICATIONS

	MP1A	MP2A	MP3DN-2	MP5A	MP8D-L4
Imaging	1.3 Megapixel 1280(H) x 1024(V) pixel array	2 Megapixel 1600(H) x 1200(V) pixel array	1.3/3 Megapixel Day - 3 Megapixel Color 2048(H) x 1536(V)	5 Megapixel 2592(H) x 1944(V) pixel array	Four (4) x 2 Megapixel 600(H) x 1200(V) pixel array per sensor
	-	-	Night - 1.3 Megapixel Monochrome 1280(H) x 1024(V)	-	-
	½" Optical format				
	4.2 μm pixel pitch	4.2 μm pixel pitch	3.2 μm pixel pitch & 5.2 μm pixel pitch	2.2 μm pixel pitch	4.2 μm pixel pitch
	Bayer mosaic RGB filter				
	Sensitivity 0.1 lux @ F1.4	Sensitivity 0.1 lux @ F1.4	Sensitivity 0.01 lux @ F1.4	Sensitivity 0.3 lux @ F1.4	Sensitivity 0.2 lux @ F2.0
	Dynamic Range 60 dB				
	Maximum SNR 45 dB	Maximum SNR 41 dB	Maximum SNR 45 dB	Maximum SNR 41 dB	Maximum SNR 45 dB
Data Transmission	Data Rate up to 55Mbps				
	Frame rate up to 30 fps @ 1280x1024	Frame rate up to 24 fps @ 1600x1200	Frame rate up to:- 20 fps @ 1920x1200; - 30 fps @ 1280x1024	Frame rate up to 15 fps @ 2560x1600	Frame rate (all four channels in parallel): 88 fps @ 800 x 600
	Motion JPEG with 20 levels of quality				
	TFTP & HTTP Image Transmission Protocols				
	100 Base-T Ethernet Network Interface				
Programmability	Auto Exposure (AE) and Gain Control (AGC) >120dB				
	On Camera Motion Detection with 64 detection zones				
	Auto Backlight Compensation				
	Auto Multi-Matrix White Balance				
	50/60Hz selectable Flicker Control				
	Electronic Pan, Tilt, Zoom (PTZ)				
	Electronic Image Rotation - up-side down image turn				
	Resolution windowing down to 32x32 pixels window				
	Programmable Motion Blurring Control for Low-Light Mode				
	Pictures-In-Picture: Simultaneous delivery of full field of view and zoomed images				
	Programmable Resolution, Brightness, Saturation, Gamma, Sharpness, Tint				
Electrical	Optically Isolated alarm input Optically Isolated alarm output	Opto-coupled alarm input, Opto-coupled alarm & flash sync output	Opto-coupled alarm input, Opto-coupled alarm output	Opto-coupled alarm input, Opto-coupled alarm & flash sync output	Compatible with IEEE 802.3af POE equipment
	Power over Ethernet (PoE) or DC Input				
	PoE 802.3af / auxiliary 12V - 48V DC				9V – 12VDC (2.1mm x 5.5mm, center positive)
	Power Consumption 3 Watts maximum		Power Consumption 3.5 Watts maximum	Power Consumption 3 Watts maximum	Power Consumption 6 Watts maximum
Regulatory Approvals	FCC Part 15, Class B				
	CE compliant				
Mechanical	3"W x 2.5"H x 2.25"D (w/o lens)				7.2" Dia x 6.1"H (dome)
	8.6 oz or 243 grams (w/o lens)				5lb or 1800 grams (w/o lens)
	C/CS Lens Mount		Dual C/CS Lens Mount	C/CS Lens Mount	C/CS Lens Mount
Environmental	Operating Temperature 0° C to +50° C				
	Storage Temperature From -20° C to +60° C				
	Humidity 0% to 90% (non condensing)				

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