

MP2A

T W O M E G A P I X E L I P C A M E R A

Day Mode or Night Mode MegaVideo™ Technology Delivers Full Motion HDTV Resolution at NTSC Price

The MP2A offers cinema-compatible high frame rates to allow real time, high-definition digital video surveillance with six times the resolution of the best analog surveillance cameras.

One of the latest additions to our IP camera product line, the MP2A leverages proprietary patent-pending technology and alleviates the cost and frame rate shortcomings associated with multi-megapixel video surveillance.

The MP2A supports compliant Power-Over-Ethernet (POE) and auto-iris control functionality. The camera delivers full motion HDTV progressive scan resolution and is priced comparably to analog video cameras.

The world's fastest IP-video systems from CBC America are based on proprietary massively-parallel technology and take advantage of unique functionality unavailable with analog cameras.

The MP2A surveillance system has the ability to zoom after the event from high-resolution digital archives and the simultaneous viewing of zoomed and full field-of-view images.



**2 Megapixel IP-camera
0.5 lux sensitivity @ F1.4**

**Frame Rate 24 fps @
1,600 x 1,200 Resolution**



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CAMERAS

SPECIFICATIONS

MP2A Megapixel IP Camera

TWO-MEGAPIXEL DAY/NIGHT IP CAMERA

IMAGING

2 Megapixel CMOS Image Sensor

1600(H) x 1200(V) pixel array

1/2" optical format

4.2 μm pixel pitch

Bayer mosaic RGB filter

Sensitivity 0.5 lux @ F1.4

Dynamic Range 60 dB

Maximum SNR 45 dB

DATA TRANSMISSION

Data Rate up to 45Mbps

Video Frame Rate up to 24 fps @ 1600 x1200

Motion JPEG with 22 levels of quality

TFTP Transmission Protocol

100Base-TX Ethernet Network Interface

PROGRAMMABILITY

Auto Exposure (AE) and Gain Control (AGC) >120dB

Auto Backlight Compensation

Auto Multi-Matrix White Balance

50/60Hz selectable Flicker Control

Electronic Zoom, Pan & Tilt (PTZ)

Electronic Image Rotation - upside down image turn (mirror)

Resolution windowing down to 32x32 pixels window

Programmable Motion Blurring Control for Low-Light Mode

Programmable Resolution, Brightness, Saturation, Gamma, Sharpness, Tint

Picture-In-Picture: Simultaneous delivery of full field of view and zoomed images

ELECTRICAL

Power over Ethernet (POE) or DC Input

Compatible with IEEE 802.3af POE equipment

9V – 12VDC (2.1mm x 5.5mm, center positive)

Power Consumption 4 Watts maximum

REGULATORY APPROVALS

FCC Part 15, Class B

CE compliant

MECHANICAL

3"W x 2.5"H x 5"D (w/o lens)

1lb or 450 grams (w/o lens)

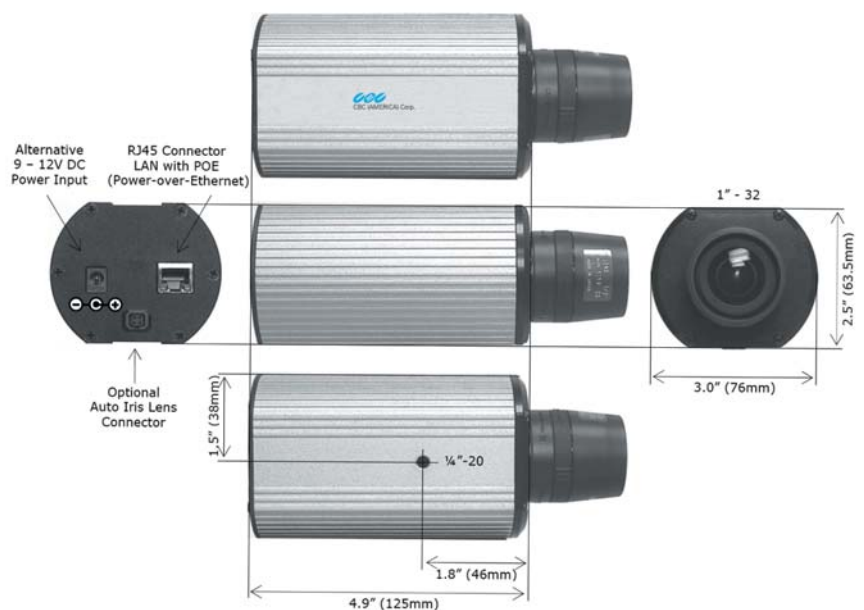
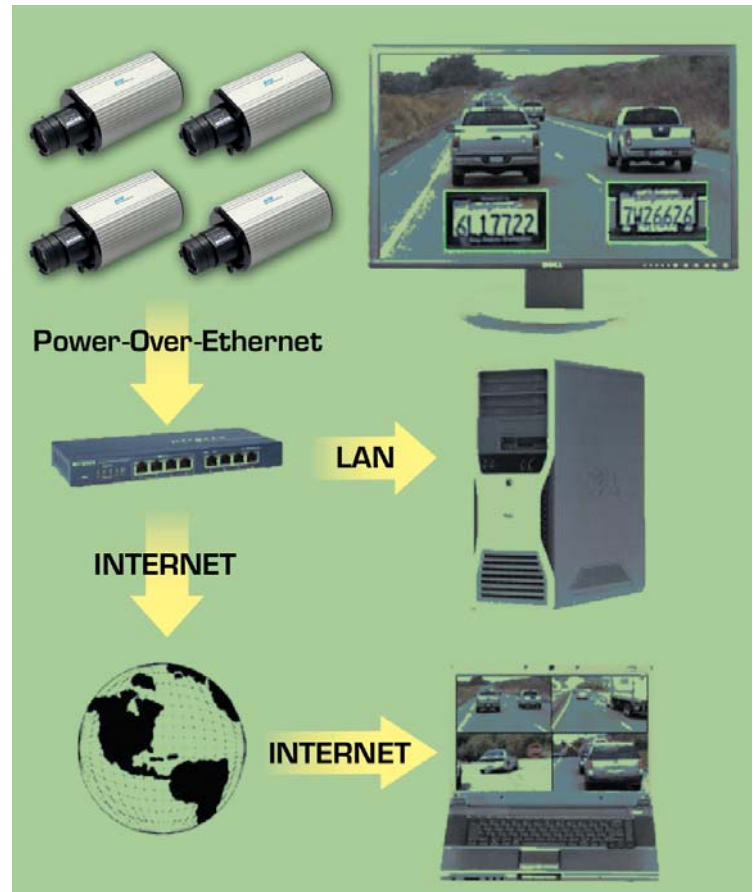
Dual C/CS Lens Mount

ENVIRONMENTAL

Operating Temperature 0°C to +50°C

Storage Temperature -20°C to +60°C

Humidity 0% to 90% (non-condensing)



CBC America reserves the right to change products or specifications without notice

MODELS

- MP2** 2 Megapixel Camera
- MP2A** 2 Megapixel Camera with Auto-Iris Output
- MP3-DN** 3-1.5 Megapixel dual-sensor D/N Camera
- MP-S** Software for MP Series cameras