

# PTC-401CIP Indoor Network PTZ Dome with Audio Capability



12X  
OPTICAL  
ZOOM

2 WAY  
AUDIO

16  
PRESET  
PROFILES

## Key Features & Benefits

- Simultaneous MPEG4 and MJPEG output over the network makes high quality video viewable by standard web-browsers or through PC software, at the same time that their NTSC video outputs are sent to an analog CCTV system for display or recording.
- Full day / night operation, low illumination requirements and removable IR cut filters ensure that images will be more easily identified, even under low light conditions.
- MPEG4 or MJPEG formats permit the user to adjust frame rate up to 30fps and image size/quality up to full D1 to meet a wide variety of network conditions or application requirements.
- Bi-directional audio capabilities make communicating with remote locations via intercom possible over standard computer networks. Distance learning or A/V applications where synchronized, high quality audio is needed can be handled with minimal integration.
- Built-in motion detection sends alarm outputs to alert security personnel.
- IP filtering assures site security by restricting access to authorized users.
- Up to 50 users of MJPEG or 3 users of MPEG4 can have simultaneous access.
- Captures images at time of alarm entry. Transfers to an FTP server for later viewing.
- Users can control the PTZ camera movements remotely to zoom in for a close look, adjust the pan/tilt and color.
- Audio capability permits clear 2-way voice communication.
- Image Flip always displays subjects in upright position as they pass under the camera or change direction.
- Up to 192x magnification with high speed 12x optical zoom and 16x digital extender and full auto focus/manual capability.
- User-programmable pre-sets for up to 16 pre-set positions, 8 speed settings.
- Can be installed anywhere indoors on ceiling or wall.

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ELMO CO, LTD (Head office and factory)'s QMS/EMS has been registered to ISO 9001 & ISO 14001



## SPECIFICATIONS

PTC-401CIP	
<b>CAMERA</b>	
TV System	NTSC
Image Pick Up device	1/4" CCD
Effective picture element	768 x 494
Sync. System	Internal
Min. Illumination	Color: 1 lx (30 IRE) B&W: 0.3 lx (30 IRE)
White balance	AUTO/one-push/Manual/ Indoor mode/Outdoor mode/ Flourescent lamp mode
Day & Night	Yes
IR illumination	No
Back light compensation	On / Off
Wide dynamic range	No
Lens type	Powered 12X zoom lens
Focal length	f = 3.8 - 45.6 mm
F number	F1.6 - 2.7
Digital zoom	16X
Other functions	Motion Detection, Masking
<b>INTERFACE</b>	
Analog video output	BNC x1
Ethernet	10 Base-T / 100 Base-TX (RJ-45)
External control terminal	RS485 (5P), Alarm I/O (6P)
Audio input	3.5mm Mini jack
Audio output	RCA Pin jack
<b>PAN TILT</b>	
Pan range	Left 175 degree, Right 175 degree
Tilt range	Up 15 degree, Down 195 degree
Pan-Tilt speed	Auto/Manual (8 speeds)
Preset point	16 points
<b>NETWORK</b>	
Compression format	MJPEG/MPEG4 simultaneous output
Protocol	IP, ARP, ICMP, TCP, UDP, HTTP, FTP, SMTP
Image size	D1 (704 x 480), SIF (352 x 240) QQVGA (160 x 120)
Frame rate	MJPEG: Max 30 fps (352 x 240), MPEG4: Max 30 fps (704 x 480)
Simultaneous client access	JPEG: 50 clients / MPEG4: 3 clients
<b>SYSTEM REQUIREMENTS</b>	
Operation system	Microsoft Windows 2000 / XP
Browser	Microsoft Internet Explorer 6.0 or later (Sun JAVA2SE Ver. 1.5.0 or later)
<b>GENERAL</b>	
Power source	DC12V
Power consumption	16 W
Dimensions	5.59 (D) x 6.02 (H) inches
Weight	Approx 2.6 lbs (1200 g)
Operating temperature	14 - 122°F (-10 -50°C)
Supplied accessories	AC adapter, IR remote, Relay cable x 2, Ceiling mounts, CD (Viewer, manual)
Options	Indoor dome cover (smoke, clear) Outdoor housings

Specifications are subject to change without notice.  
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