# CADYCE

# CA-IP400MP

## Megapixel (2M) PoE Day/Night Internet Camera with 2-Way Audio

Monitor your Home or Office, using Cadyce CA-IP400MP which gives Mega-Pixel resolution with two way audio. Complimentary camera management SecuGuard software monitors 64 cameras simultaneously.

Cadyce Golden Eye App    Onvif Standard    Cloud Support    SecuGuard 64 Channel Complimentary S/W

## Features:

- H.264, MPEG4 and MJPEG simultaneously (Tri-encoders)
- 1600*1200 resolution, max 15fps (2M mode)
- 1280*720 resolution, max 30fps (720P HD mode)
- Comprehensive I/O ports: MIC in, audio out, DI, DO, RS485, RJ45, mSD
- Built in IR LED and ICR for day & night surveillance without color shift, controlled by FW
- Built in Power over Ethernet
- Support various protocols: RTSP, UPnP, 3GPP, HTTPS, Samba
- Event trigger action: Send to NAS, send to FTP, send to Email, Voice alert, save to mSD card, go to preset or tour, notify to HTTP/TCP servers
- Free bundle 64ch. SecuGuard software

## Specifications:

| Camera | PoE |
|---|---|
| PoE | 802.3af standard |
| Image Device | 2 Mega-pixel image sensor |
| Effective Pixels | 1600x1200 pixels (sensor) |
| Lens | 4.2mm |
| **Pan & Tilt** | |
| Pan Degree | 355° |
| Tilt Degree | -30~90° |
| Manual Pan Degree | 90°/ second (max); 1°/ second (min) |
| Manual Tilt Degree | 90°/ second (max); 1°/ second (min) |
| Preset Points | 128 preset points |
| Camera Tour | 16 tours |
| **IP Module** | |
| **Video** | |
| Video Encoder | H.264, MPEG4 and MJPEG simultaneously (Tri-encoders) |
| Video Profile | 20 profiles simultaneously |
| Frame Rate | Up to 15fps for 1600*1200<br>Up to 30fps @720p mode |
| Region of Interest | 5 windows with selectable resolution and codec, max region size is 640x352 |
| Image Setting | AE, AWB<br>Noise reduction<br>Color, brightness, sharpness, contrast<br>Mirror/Flip<br>8 Privacy Masks<br>Text, time and date overlay<br>Simultaneously multi-profile streaming<br>Streaming over UDP, TCP, or HTTP |
| Streaming | M-JPEG streaming over HTTP (server push)<br>Supports 3GPP mobile surveillance<br>Controllable frame rate and bandwidth<br>Constant and variable bit rate (MPEG4 / H.264), ROI |
| **Audio** | |
| Audio Encoder | • RTSP: G.711 64kbps, G.726 32kbps • 3GPP: AMR |

| | |
|---|---|
| Audio Streaming | One-way or two-way |
| Microphone | Built-in microphone |
| Audio Output | Adjustable audio output gain |

| **Network** | |
|---|---|
| Supported Protocols | IPv4, TCP, UDP, HTTP, SMTP, FTP, NTP, DNS, DDNS, DHCP, DIPS, ARP, Bonjour, UPnP, RTSP, RTP, RTCP, IGMP, PPPoE, 3GPP, Samba, ICMP, HTTPS |
| Security | Password protection, IP address filtering, HTTPS encrypted data transmission, user access log |
| Users | 20 simultaneous unicast users |
| Ethernet | 10/100M auto negotiation |

| **System Integration** | |
|---|---|
| Application | Open API for software integration |
| Programming Interface | ONVIF for SDK integration |
| Alarm Triggers | Intelligent video motion detection and external input |
| Motion Detection | 10-zone video motion detection with included or excluded options |
| Alarm Events | • File upload via FTP • File upload via SMTP email • File upload via Samba to NAS • Notification via email, HTTP, and TCP • DO (Alarm output ) • Go to PT preset position • Audio alerting output • mSD card local storage |
| Video Buffer | Pre- and post- alarm buffering |

| **General** | |
|---|---|
| RAM | 256MB |
| ROM | 16MB |
| Power Supply | 12V DC external power adapter |
| Power Consumption | 6.5W |
| Connectors | • RJ-45 10BaseT/100BaseTX • 12V DC power jack • 1 alarm input and 1 output • Phone jack Audio out • Factory default reset • mSD card |
| Illumination LED | 12 IR LEDs |
| Operating Temperature | 0°C to 40°C (32°F to 104°F) |
| Operating Humidity | 20% ~ 80% (non-condensing) |
| Dimension | H x W x D: 97x86x81 mm |

| **Viewing System** | |
|---|---|
| OS | Windows® XP, Vista, 7 |
| Browser | IE 6.0 or later, Firefox 2.0 or later, Safari , Google Chrome |
| Cell Phone | With 3GPP player |
| Video Player | VLC, Quick Time, Real Player, Core Player |

| **Software** | |
|---|---|
| Search & Installation | IP Wizard II |
| Easy DDNS | DIPS™ |
| Bundled NVR Program | 64ch. SecuGuard™<br>• 64ch. multi-channel supports Tri-decoder 16ch. video playback (simultaneously) • Smart & scrollable digital zoom. Snapshot and edit • Motion, DI, Scheduler recording • Fast rewind and forward (MPEG4, H.264, MJPEG rewind) • 32x24 motion detection grids • Smart search (by time, by motion ) • E-MAP • Event schedule setting • Remote service • Camera tampering |

# Application: