



## 2 Mega-Pixel CMOS Day&Night Dome

# CAM649MA(PoE)



- ▶ 2 Mega-Pixel CMOS Sensor
- ▶ H.264/MPEG4/MJPEG Triple mode & streaming
- ▶ Support SD card for event recording
- ▶ 3GPP for monitoring via 3G mobile phone
- ▶ 1 Analog video output
- ▶ IP66 waterproof standard
- ▶ 2-way audio
- ▶ Embedded PoE (CAM649MA-PoE)
- ▶ Free 36CH recording software

### Specification

#### Hardware

CPU	ARM 9, 32 bit RISC
RAM	256MB
Flash	16MB
Image Sensor	1/3" CMOS, 2.0 Mega pixels
Lens	Vari-focal 2.7 ~ 9 mm
Day / Night	Embedded IR Cut Filter (ICR)
Illumination	0.5 lux
Video Out	1 Analog video out (BNC connector)
Audio In/ Out	1 Mic in / 1 Line out
Digital I/O	1 In / 1 Relay out
Power Supply	CAM649MA: DC 12V, 1A CAM649MA-PoE: Use PoE: PoE Injector (IEEE 802.3af) Or, use Power Adaptor: DC 12V, 1A
Dimensions	Φ127mm x W200.7mm x H204.4mm
Temperature	-10°C ~ +45°C

#### Network

Ethernet	10/ 100 Base-T
Network Protocol	HTTP, TCP/IP, RTP/RTSP, 3GPP, NTP, SMTP, FTP, PPPoE, DHCP, DDNS, UPnP

#### Event System

Event Trigger	Motion Detection, Sensor In
Trigger Actions	Send Email, Send to FTP, Save to SD Card, Relay Out

#### Client Requirements

OS	Windows XP / Vista / Win 7
Browser	IE7, IE8, FireFox, Safari, Chrome, Opera
Suggested	Intel Core 2 Duo : 1.66GHz, RAM: 1024MB, Graphic card: 128MB onboard RAM

\*Optional Indoor Model – CAM649MC / CAM649MD

#### System

Video Resolution	1600x1200, 1280x1024, 1280x960, 1280x720, 800x592, 640x480, 320x240, 160x120
Compression Format	H.264 / MJPEG / MPEG-4 (3GPP only)
Frame Rate	Up to 15 FPS@1600x1200 Up to 30 FPS@1280x720
Video Bitrate Adjust	CBR, VBR
Triple Streaming	Yes ( 2 for live view, 1 for 3GPP)
3GPP	Yes, Live view with 3G mobile phone
Image Snapshot	Yes
Video Adjust	Brightness, Contrast, Sharpness, BLC, Night Mode
Motion Detection	Yes, 3 different areas
Pre/ Post Alarm	Yes, configurable
Security	Password protection
Connection	Up to 10 clients simultaneously
Audio	Yes, 2-way(Duplex Support)
Firmware Upgrade	HTTP mode, remotely

#### SD Card Management

Recording Trigger	Motion Detection, Sensor In, IP Check, Network Disconnect
Video Format	Video (AVI), Snapshot (JPEG)
Schedule	Snapshot during schedule
Video Playback / Delete	Yes

#### Package List



PoE Model doesn't include power adaptor