



- ◆ **1600x1200 Resolution**
- ◆ **Dual codec & stream H.264 & JPEG**
- ◆ **Bi-directional audio communication**
- ◆ **Power-over-Ethernet Available**
- ◆ **IR LED Built-in , 20M Projective distance**
- ◆ **3GPP & Smartphone mobile surveillance**
- ◆ **Universal web surveillance**
- ◆ **Built-in I/O & vandal-proof casing**
- ◆ **Seamless SI with SDK resources**

## SPECIFICATION

### VIDEO

|                         |   |
|-------------------------|---|
| Sensor                  | 1/3" Micron progressive scan CMOS (2M-Pixel)  |
| Video Standard          | Dual codec H.264 & JPEG, dual streaming support   |
| Group of Picture (GOP)  | I / IP, selectable 3 levels multiplier  |
| Data Rate               | Streaming 1: 32 kbps ~ 8 Mbps CBR, 1 ~ 10 levels VBR  |
| Resolution & Frame Rate | 1600x1200 15/15 FPS<br>1280x1024 22/22 FPS<br>1280x960 25/25 FPS<br>1280x720 30/30 FPS<br>800x600 30/30 FPS |
| Video Out               | Composite: 1 x BNC, 75 ohm, 50 dB   |
| ICR ( IR Cut Filter )   | Embedded  |
| IR LEDs                 | Built-in 35 IR LEDs , IR Distance-20M   |
| Minimum Illumination    | 0 Lux (IR ON) , 1.0 Lux (IR OFF)  |
| Imaging                 |   |
| Contour                 | Brightness, Contrast, Saturation, Night Mode, BLC   |
| Fine Tuning             | BLC (Auto), AWB (Auto), AES (Auto)  |
| Noise Reduction         | Night Efficientor, selectable 4 levels  |
| Zooming                 | Digital 4X  |
| Mask                    | 3 Areas   |

### AUDIO

|                           |                                       |
|---------------------------|---------------------------------------|
| Compression Format        | ADPCM, bi-directional audio streaming |
| Audio Line Input / Output | 1 / 1 RCA Type                        |

### CPU MODULE

|           |                    |
|-----------|--------------------|
| CPU       | ARM 9, 32-bit RISC |
| RAM / ROM | 128MB / 8MB        |

### ALARM

|                     |  |
|---------------------|--|
| Relay               | 1 x Relay In, 1 x Relay Out (N.O. interval selectable) |
| Video Analytics     | Video Motion Detection (VMD), 3 zones, 10 sensitivity  |
| Triggering Reaction | Relay out, E-Mail, FTP, SD archiving                   |
| Pre / Post Event    | 5 / 10 sec recording                                   |

### NETWORK

|            |  |
|------------|--|
| Protocols  | 3GPP, DDNS, DHCP, FTP, HTTP, NTP, PPPoE, RTSP, SMTP, TCP/IP, UDP, UPnP |
| Ethernet   | 10/100 Base-T, auto sensing, RJ-45                                     |
| PoE        | IEEE 802.3af compliant   |
| User Group | 3 levels, maximum 20 users, 10 users simultaneously                    |
| Encryption | WEP 64 / 128-bit, WPA, PSK   |

## PACKING LIST

|     |   |
|-----|---|
| 1pc | IP Camera Main Unit with All-in-One Cable |
| 1pc | Power Adaptor                             |
| 1pc | Quick Guide                               |
| 1pc | Bracket                                   |
| 1pc | Software CD                               |

### LOCAL RECORDING

|                             |   |
|-----------------------------|---|
| SD Card Storage ( Optional) | VMD, network IP check, network disconnection recording (wired model only) |
| Format                      | AVI (H.264/ JPEG), JPEG   |
| Control                     | Playback, file management   |

### REMOTE RECORDING

|                     |   |
|---------------------|---|
| Mobile Surveillance | 3G / 3G Symbian / Smartphone mobile & PDA phones  |
| Web Surveillance    | Web browser, manual, VMD, AVI, snapshot, playback |

### GENERAL

|                    |  |
|--------------------|--|
| Unit Configuration | Via web browser (reboot, factory default, synchronization) |
| Profile Management | Configuration values export & import                       |
| Firmware           | HTTP mode, remote update                                   |
| Authentication     | ID, Password   |
| Log Listing        | System, VMD, Alarm   |
| Certification      | CE, FCC  |

### MECHANICAL

|                      |                                     |
|----------------------|-------------------------------------|
| Lens Type & Mounting | Vari-focal 3.6~16 mm MegaPixel Lens |
| Weather Resistance   | IP66                                |
| Dimension (ØxH)      | 83.0 mm x 180.0 mm                  |
| Weight               | 900 g                               |

### ELECTRICAL

|                   |              |
|-------------------|--------------|
| Input Voltage     | DC 12V       |
| Power Consumption | 560 mA, 6.7W |

### BROWSING REQUIREMENT

|             |  |
|-------------|--|
| OS          | Microsoft Windows 2000 / XP / 2003 / Vista / Windows 7 |
| CPU         | Intel Dual Core 1.66 GHz, 1024 MB RAM                  |
| Graphic     | 128 MB   |
| Web Browser | Microsoft Internet Explorer 6.0 or above               |

### ENVIRONMENTAL

|           |                           |
|-----------|---------------------------|
| Operating | 0°C ~ 45°C                |
| Storage   | -30°C ~ 60°C              |
| Humidity  | 0 ~ 80% RH non-condensing |

## ORDERING INFORMATION

Power Plug | US / EU / UK