



**2 MEGA Pixel**  
**High Definition**

- ◆ **HD 1600x1200 megapixels of resolution**
- ◆ **Dual codec & stream H.264 & JPEG**
- ◆ **Intelligent video content analytics VMD**
- ◆ **Indoor ceiling dome design**
- ◆ **3GPP & Smartphone mobile surveillance**
- ◆ **Universal web surveillance**
- ◆ **4/9/16/36Ch advanced NVR (optional)**
- ◆ **Local recording to SD card**
- ◆ **Seamless SI with SDK resources**



## SPECIFICATION

### VIDEO

|                         |                                                                                                                                              |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| Sensor                  | 1/3" progressive scan CMOS                                                                                                                   |
| 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 ~ 4 Mbps CBR, 1 ~ 10 levels VBR<br>Streaming 2: 32 kbps ~ 3 Mbps CBR, 1 ~ 10 levels VBR                                 |
| Resolution & Frame Rate | 1600x1200 15/15 FPS<br>1280x1024 or 1280x960 or 1280x720 15/15 FPS<br>800x600 or 640x480 30/30 FPS<br>320x240 30/30 FPS<br>176x144 30/30 FPS |
| Minimum Illumination    | 1.0 Lux                                                                                                                                      |
| Full Screen             | Yes                                                                                                                                          |
| Imaging                 |                                                                                                                                              |
| Contour                 | Brightness, contrast, exposure, sharpness                                                                                                    |
| Fine Tuning             | AGC, BLC, AWB, AES, multi-level selectable                                                                                                   |
| Noise Reduction         | Night Efficient, selectable 4 levels                                                                                                         |
| Zooming                 | Digital 4X                                                                                                                                   |

### CPU MODULE

|           |                    |
|-----------|--------------------|
| CPU       | ARM 9, 32-bit RISC |
| RAM / ROM | 64MB / 8MB         |

### ALARM

|                     |                                                          |
|---------------------|----------------------------------------------------------|
| Video Analytics     | Video Motion Detection (VMD), 3 zones, 10 sensitivity lv |
| Triggering Reaction | 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                                     |
| User Group | 3 levels, maximum 20 users, 10 users simultaneously                    |

### LOCAL RECORDING

|                   |                                                        |
|-------------------|--------------------------------------------------------|
| SD Card Storage * | VMD, network IP check, network disconnection recording |
| 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        |
| Professional Surveillance | iNVR Basic 36 surveillance system (iNVR Pro 36 optional) |

### 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                                                |
| Certification      | CE, FCC                                                    |

### MECHANICAL

|                      |                                |
|----------------------|--------------------------------|
| Lens Type & Mounting | Board 4.0 mm, F2.0, fixed iris |
| Dimension (ØxH)      | 118.0 x 104.0 mm               |
| Weight               | 400 g                          |

### ELECTRICAL

|                   |               |
|-------------------|---------------|
| Input Voltage     | DC 12V        |
| Power Consumption | 200 mA, 2.4 W |

### BROWSING REQUIREMENT

|             |                                            |
|-------------|--------------------------------------------|
| OS          | Microsoft Windows 2000 / XP / 2003 / Vista |
| CPU         | Intel Celeron 1.6 GHz, 256 MB RAM          |
| Graphic     | 32 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 |

\* SD Card disc not included.

## PACKING LIST

|     |                                              |
|-----|----------------------------------------------|
| 1pc | iProSecu iDC Main Unit with All-in-One Cable |
| 1pc | Power Adaptor                                |
| 1pc | Quick Guide                                  |
| 1pc | Software CD                                  |

## ORDERING INFORMATION

|                 |                   |
|-----------------|-------------------|
| iDC-323M        | Standard Ethernet |
| Vari-focal Lens | 3.7 ~ 12.0 mm     |
| Power Plug      | US / EU / UK      |