



**1.3 MEGA Pixel
High Definition**

- ◆ **HD 1280x1024 megapixels of resolution**
- ◆ **Dual codec MPEG-4 SP & JPEG**
- ◆ **Dual streaming support**
- ◆ **Bi-directional audio communication**
- ◆ **Wireless LAN module (optional)**
- ◆ **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	1/4" progressive scan CMOS
Video Standard	Dual codec MPEG-4 SP & 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 Streaming 2: 32 kbps ~ 3 Mbps CBR, 1 ~ 10 levels VBR
System	60 / 50 Hz
Resolution & Frame Rate	
SXGA	1280x1024 10/10 fps
VGA	640x480 30/25 fps
QVGA	320x240 30/25 fps
QQVGA	160x120 30/25 fps
Minimum Illumination	1.0 Lux
Imaging	
Contour	Brightness, contrast, exposure, sharpness
Fine Tuning	AGC, BLC, AWB, AES, multi-level selectable
Noise Reduction	Night Efficientor, selectable 4 levels
Orientation	Flip, Mirror
Zooming	Digital 4X

AUDIO

Compression Format	ADPCM, bi-directional streaming, 50 ~ 16,000 Hz, 58 dB
Audio Line Input / Output	1 x embedded microphone / 1 x 3.5 mm phone jack

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
Wireless	IEEE 802.11b/g compliant (embedded, optional)
User Group	3 levels, maximum 20 users, 10 users simultaneously
Encryption	WEP 64 / 128-bit, WPA, PSK

LOCAL RECORDING

SD Card Storage *	VMD, network IP check, network disconnection recording (wired model only)
Format	AVI (MPEG-4 / 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, angle 48°, changeable
Dimension (HxWxD)	111.7 x 67.1 x 50.6 mm
Weight	180 g

ELECTRICAL

Input Voltage	DC 5V, front LED indicator
Power Consumption	Wired: 600mA, 3W; Wireless: 800mA, 4W

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
1pc	Power Adaptor
1pc	Bracket
1pc	Network Cross-Over Cable
1pc	Quick Guide
1pc	Software CD

ORDERING INFORMATION

iDC-121M	Standard Ethernet
iDC-121MW	Wireless IEEE 802.11b/g module
Power Plug	US / EU / UK