



- ◆ **1600x1200 Resolution**
- ◆ **Dual codec & stream H.264 & JPEG**
- ◆ **Bi-directional audio communication**
- ◆ **Power-over-Ethernet module (optional)**
- ◆ **3GPP & Smartphone mobile surveillance**
- ◆ **Universal web surveillance**
- ◆ **4/9/16/36Ch advanced NVR (optional)**
- ◆ **Local recording to SD card**
- ◆ **Built-in I/O & vandal-proof casing**
- ◆ **Seamless SI with SDK resources**

SPECIFICATION

VIDEO

Sensor	1/3" Micron 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 ~ 8 Mbps CBR, 1 ~ 10 levels VBR Streaming 2: 32 kbps ~ 8 Mbps CBR, 1 ~ 10 levels VBR
Resolution & Frame Rate	1600x1200 15/15 FPS 1280x1024 or 1280x960 or 1280x720 15/15 FPS 800x600 or 640x480 30/30 FPS 320x240 30/30 FPS 176x144 30/30 FPS
Video Out	Composite: 1 x BNC, 75 ohm, 50 dB
Day / Night Illumination	Mechanical IR Cut Filter (ICR) embedded, 12 units IR LEDs (12M) (Optional)
Sensitivity	0 Lux with IR
Imaging	
Contour	Brightness, Contrast, Saturation, Night Mode, BLC
Fine Tuning	AGC, BLC, AWB, AES, multi-level selectable
Noise Reduction	Night Efficient, selectable 4 levels
Zooming	Digital 4X
Mask	3 Areas

AUDIO

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

CPU MODULE

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

ALARM

Alarm In / Out / Relay	1 x 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 (embedded, optional)
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, Alarm
Certification	CE, FCC

MECHANICAL

Lens Type & Mounting	Vari-focal 3.7 ~ 12.0 mm, auto iris, changeable
Weather Resistance	IP66
IR LEDs	6 units IR LEDs (12M) (Optional)
Vandal Proof	400 pounds
ICR	Mechanism ICR (Optional)
Dimension (ØxH)	137.0 x 102.0 mm
Weight	450 g

ELECTRICAL

Input Voltage	DC 12V
Power Consumption	560 mA, 5.8 W

CPU	Intel Celeron 2.6 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-453M	Standard Ethernet
iDC-453ME	PoE IEEE 802.3af module
iDC-453MR	Standard Ethernet with IR
iDC-453MRE	PoE Model with IR
Power Plug	US / EU / UK

