

High Definition IP Network Camera Box Series AiP-280



- ◆ HD 1280x1024 megapixels of resolution
- ◆ Dual codec & stream MPEG-4 SP & JPEG
- ◆ Bi-directional audio communication
- ◆ Wireless LAN module (optional)
- ◆ 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, SDK and more

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
Resolution & Frame Rate	
SXGA	1280x1024 10/10 fps
VGA	640x480 30/25 fps
QVGA	320x240 30/25 fps
QQVGA	160x120 30/25 fps
Video Out	Composite: 1 x BNC, 75 ohm, 50 dB
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 Efficientior, selectable 4 levels
Zooming	Digital 4X

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	2 x In, 2 x Out, mini-DIN 9-pin
Video Analytics	Video Motion Detection (VMD), 3 zones, 10 sensitivity lv
Triggering Reaction	Alarm 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
Wireless	IEEE 802.11b/g compliant (embedded, optional)
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 (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 (MPEG-4 / JPEG), JPEG
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	CS mount, 4.0 mm, F2.0, fixed iris
Dimension (HxWxD)	58.0 x 65.0 x 131.5 mm
Weight	450 g

ELECTRICAL

Input Voltage	DC 12V
Power Consumption	Wired: 260mA, 3.1W; Wireless: 360mA, 4.3W

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	AiP-280 Main Unit
1pc	Power Adaptor
1pc	Network Cross-Over Cable
1pc	Quick Guide
1pc	Software CD

ORDERING INFORMATION

AiP-280	Standard Ethernet
AiP-280W	Wireless IEEE 802.11b/g module
AiP-280E	PoE IEEE 802.3af module (Q3 '08)
System	NTSC / PAL
Power Plug	US / EU / UK

