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Indoor Pan/Tilt IP Camera

IR LED (D/N), Wire/Wireless

AiP-300



Key Features:

- > Full D1 720x480 resolution for amazingly 30fps vivid imaging
- > Dual codec MPEG-4 SP & JPEG to suit all bandwidth levels
- > Advanced dual streaming for secondary viewing device
- > Wide angle of Pan/Tilt for auto guard touring & panning
- > WiFi-ready for quick installation within WLAN complex
- > 3G, Smart phone & PDA surveillance
- > Centralizing all assets via 36Ch NVR & 16Ch CMS surveillance platform
- > Local recording to SD card against arbitrary network & remote storage failure
- > Seamless system integration (SI) by SDK resources

SPECIFICATION

VIDEO

Sensor	1/4" Colour CCD
Video Standard	Dual streaming codec MPEG-4 SP, JPEG
Group of Picture (GOP)	I / IP, selectable 3 levels multiplier
Data Rate	Streaming 1: 32.0 kbps ~ 2.0 Mbps CBR, 1 ~ 10 levels VBR Streaming 2: 32.0 kbps ~ 1.0 Mbps CBR, 1 ~ 10 levels VBR, max 15 fps
Video Quality	5 Levels (Best, High, Standard, Low, Lowest)
Resolution & Frame Rate	
D1	720x480 / 720x576 30/25 fps
4CIF	704x480 / 704x576 30/25 fps
CIF	352x240 / 352x288 30/25 fps
QCIF	176x120 / 176x144 30/25 fps
Video Out	1 x S-video
Sensitivity	Minimum 0.5 Lux, 0 Lux with IR LED on (embedded, optional)
Full Screen	Yes
Imaging	
Contour	Brightness (11 levels), contrast (11 levels), hue (11 levels), saturation (11 levels)
Fine Tuning	AGC, BLC, AWB, AES
Orientation	Flip, Mirror

PAN / TILT / ZOOM

Panning / Tilting	-135° ~ +135° / -30° ~ +90°
Control	9 preset locations, guard tour, auto panning

AUDIO

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

CPU MODULE

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

ALARM

Alarm In / Relay Out	RS-485, 1 x In, 1 x Out (N.O. interval selectable)
Video Analytics	Video Motion Detection (VMD), 3 selectable zones, 10 sensitivity levels
Triggering Reaction	Relay out, E-Mail, FTP, SD card
Pre / Post Alarm	5 / 10 sec

NETWORK

Protocols	3GPP, DDNS, DHCP, FTP, HTTP, NTP, PPPoE, SMTP, TCP/IP, UDP, UPnP
Ethernet	10/100 Base-T, auto sensing, RJ-45, front LED indicator
Wireless	IEEE 802.11b/g compliant (embedded, optional)
User Group	10 user accounts simultaneously
Encryption	WEP 64 / 128-bit, WPA, PSK

LOCAL RECORDING

External Storage	SD card, VMD, IP Check, Network Status (wired connection only)
Format	AVI (MPEG-4 / JPEG), JPEG
Control	Playback, file management

REMOTE RECORDING

Web Surveillance	Web browser, manual, VMD, AVI (MPEG-4 / JPEG), snapshot JPEG
Mobile Surveillance	3G, 3G Symbian, Smartphone mobile phone & PDA
Professional Surveillance	36Ch NVR Lite surveillance platform (Pro / CMS optional)

GENERAL

Unit Configuration	Via web browser (reboot, factory default, time synchronization, OSD overlay)
Setting Management	Configuration values export & import
Authentication	ID, Password
Firmware	HTTP mode, remote update
Language	English, Simplified Chinese, Traditional Chinese
Log Listing	System, VMD, Alarm
Regulatory Approval	CE, FCC, RoHS, WEEE

MECHANICAL

Lens Type & Mounting	Board lens, 3.6 mm, F2.0, viewing angle (H / V) 53° / 41°
Dimension (HxWxD)	105.0 x 128.6 x 105.0 mm
Weight	500 g

ELECTRICAL

Input Voltage	DC 5V, front LED indicator
Power Consumption	Wired: 1.3A, 6.5W; Wireless: 1.5A, 7.5W

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

PACKING LIST

Quantity	Component
1	IP Camera Main Unit
1	Power Adaptor
1	Bracket
1	Software CD
1	User's Manual
1	Quick Guide
1	Warranty Card

ORDERING INFORMATION

AiP-300	Pan/Tilt IP Cam
AiP-300W	W/ WiFi IEEE 802.11b/g
AiP-300R	W / 5M IR LED
AiP-300WR	W/ WiFi & 5M IR LED
System	NTSC / PAL
Power Plug	US / EU / UK / Latin America

OPTIONAL

36Ch NVR Pro Surveillance Platform (Support Audio)
16Ch CMS Control Center (Support Audio)
Camera Accessories

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