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# Outdoor Dome Type IP Camera

Vandal Proof, IP66 Weatherproof

## AiP-500 Series



### ■ Key Features:

- > IP66 Weatherproof
- > Super high-res 540TVL using SONY CCD & HQ1 DSP
- > Power over Ethernet (PoE, optional)
- > True Day/Night Function—Removable IR Cut Filter (ICR)
- > Vandal Proof up to 400 Pounds
- > MPEG-4/JPEG Compression Format
- > SD Card backup
- > 2-way audio
- > Support cell phone/PDA/3GPP
- > Dual Streaming
- > SDK for Software Integration
- > Free Bundle 36 Channel Recording Software

# SPECIFICATION

## VIDEO

Sensor	1/3" Sony Super HAD 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 kbps ~ 4 Mbps CBR, 1 ~ 10 levels VBR Streaming 2: 32 kbps ~ 320 kbps CBR, 1 ~ 10 levels VBR, max 15 fps
Sensor Matrix	720x480/720x576
Horizontal Resolution	Authentic Sony DSP empowering, 540 TV lines
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	Composite: 1 x BNC, 75 ohm, 50 dB
Day / Night Illumination	Mechanical IR Cut Filter (optional)
Sensitivity	Minimum 0.1 Lux at hi-res, 0.05 Lux at mid-res, 0 Lux with ICR on
Full Screen	Yes
Imaging	
Contour	Brightness (11 levels), contrast (11 levels), Hue (11 levels), Saturation (11 levels)
Fine Tuning	AGC (on / off), BLC (on / off), AES (on / off), AWB

## 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	64MB / 8MB

## ALARM

Alarm In / Relay Out	RS-485, 2 x In, 2 x Out, mini-DIN 9-pin
Video Analytics	Video Motion Detection (VMD), 3 selectable zones, 10 sensitivity levels
Triggering Reaction	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
Wireless	IEEE 802.11b/g compliant (embedded, optional)
PoE	IEEE 802.3af compliant (embedded, optional)
User Group	10 user accounts simultaneously
Encryption	WEP 64 / 128-bit, WPA, PSK

## LOCAL RECORDING

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

## REMOTE RECORDING

Web Surveillance	Web browser, manual, VMD, AVI (MPEG-4 / JPEG), JPEG
Mobile Surveillance	3G, 3G Symbian, Smart phone mobile phone & PDA
Client Software	36Ch NVR surveillance platform (Optional PRO Series Audio Supported)

## 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
Log Listing	System, VMD, Alarm
Regulatory Approval	CE, FCC, RoHS

## MECHANICAL

Lens Type	f=3.7~12mm Vari-focal, DC Iris
Dimension (ØxH)	126x100 mm
Weight	1080 g

## ELECTRICAL

Input Voltage	DC 12V
Power Consumption	490mA, 5.9W

## 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	Software CD
1	User's Manual
1	Quick Guide
1	Warranty Card

## ORDERING INFORMATION

AiP-500D	Vandal Dome IP Cam, Day / Night (ICR)
AiP-500DR	W / 10M IR LEDs
AiP-500DE	W / PoE
AiP-500DRE	W/ 10M IR LEDs, PoE
System	NTSC / PAL
Power Plug	US / EU / UK / Latin America

## OPTIONAL

36Ch NVR Pro Surveillance Platform (Support Audio)  
16Ch CMS Control Centre (Support Audio)

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