

Day/Night IP Network Camera Outdoor Dome Series AiP-420



- ◆ Real-time Full D1 720x480 at 30fps
- ◆ Dual codec MPEG-4 SP & JPEG
- ◆ Dual streaming support
- ◆ Intelligent video content analytics VMD
- ◆ True D/N ICR & IR LEDs (optional)
- ◆ 3GPP & Smartphone mobile surveillance
- ◆ Universal web surveillance
- ◆ 4/9/16/36Ch advanced NVR (optional)
- ◆ Local recording to SD card
- ◆ SDK and more

SPECIFICATION

VIDEO

Sensor	1/3" Sony 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 ~ 3 Mbps CBR, 1 ~ 10 levels VBR
Sensor Matrix	768x494 / 752x582
Resolution & Frame Rate	Authentic DSP empowering 520 TV lines
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 (ICR) & IR LED (optional)
Sensitivity	Min 0.1 Lux at F1.6, 0 Lux with ICR on
Full Screen	Yes
Imaging	
Contour	Brightness, contrast, hue, saturation
Fine Tuning	AGC, BLC, AES, AWB, multi-level selectable
Zooming	Digital 4X

CPU MODULE

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

ALARM

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
User Group	3 levels, maximum 20 users, 10 users simultaneously

* SD Card disc not included.

LOCAL RECORDING

SD Card Storage *	VMD, network IP check, network disconnection recording
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, date/time synchronization, OSD overlay)
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	Vari-focal 3.7 ~ 12.0 mm, auto iris, changeable
Weather Resistance	IP66
Vandal Proof	400 pounds
Dimension (ØxH)	118.0 x 100.0 mm
Weight	450 g

ELECTRICAL

Input Voltage	DC 12V
Power Consumption	490 mA, 5.8 W

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

1pc	AiP-420 Main Unit
1pc	Power Adaptor
1pc	Network Cross-Over Cable
1pc	Quick Guide
1pc	Software CD

ORDERING INFORMATION

AiP-420	Standard Ethernet
AiP-420DR	Mechanical IR Cut Filter (ICR) & IR LEDs module
System	NTSC / PAL
Power Plug	US / EU / UK

