

H.264 2-MegaPixel Indoor CMOS D&N IP Network Camera

Accessories
IP
Camera
DVR



Key Features:

- * Dual Streaming design (record/ IP/ mobile/ PDA).
- * HD 1600x1200 megapixels of resolution
- * Dual codec & stream H.264 SP & MJPEG
- * 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:

Model	AiH-200E		
Video	Sensor	1/3" Micron Progressive Scan CMOS	
	Video Standard	Dual codec H.264 & JPEG, dual streaming support	
	Group of Picture (GOP)	/ 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 22/22 FPS
		1280x960 25/25 FPS	
		1280x720 30/30 FPS	
		800x600 30/30 FPS	
	Video Out	Composite: 1 x BNC, 75 ohm, 50 dB	
	Day / Night Illumination	Mechanical IR Cut Filter (ICR) embedded	
	Sensitivity	Min 0.1 Lux at F=1.2 with ICR	
	Imaging	Contour	Brightness, Contrast, Saturation, Night Mode, BLC
Fine Tuning		AGC, BLC, AWB, AES, multi-level selectable	
Noise Reduction		Night Efficientor, 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	CPU	ARM 9, 32-bit RISC	
	RAM / ROM	128MB / 8MB	
Alarm	Alarm In / Out / Relay	1 x In, 1 x Relay out	
	Video Analytics	Video Motion Detection (VMD), 3 zones, 10 sensitivity	
	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)
Local Re-cording	SD Card Storage *	VMD, network IP check, network disconnection recording (wired model only)
	Format	AVI (H.264 / JPEG), JPEG
	Control	Playback, file management
Remote Re-cording	Mobile Surveillance	3G / 3G Symbian / iPhone / Blackberry
	Web Surveillance	Web browser, manual, VMD, AVI (H.264 / JPEG), JPEG
	Professional Surveillance	Basic 36 surveillance system (IVS 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
	ICR	Yes (Mechanism IR Cut Filter)
	Dimension (HxWxD)	58.0 x 65.0 x 131.5 mm
	Weight	450 g
Electrical	Input Voltage	DC 12V
	Power Consumption	Wired: 450mA, 5.4W; Wireless: 550mA, 6.6W
Browsing Requirement	OS	Microsoft Windows 2000 / XP / 2003 / Vista / Windows7
	CPU	Intel Celeron 1.66 GHz, 1024 MB RAM
	Graphic	128 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

H.264 2-MegaPixel Outdoor CMOS D&N IP Network Camera



Key Features:

- * Dual Streaming design (record/ IP/ mobile/ PDA).
- * 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:

Model	AiH-500	
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
	Video Out	320x240 30/30 FPS
		176x144 30/30 FPS
		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
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
CPU	Audio Line Input / Output	1 / 1 RCA jack
	CPU	ARM 9, 32-bit RISC
Alarm	RAM / ROM	64MB / 8MB
	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
	Encryption	WEP 64 / 128-bit, WPA, PSK
Local Re-cording	SD Card Storage *	VMD, network IP check, network disconnection recording (wired model only)
	Format	AVI (H.264 / JPEG), JPEG
	Control	Playback, file management
Remote Re-cording	Mobile Surveillance	3G / 3G Symbian / iPhone / Blackberry
	Web Surveillance	Web browser, manual, VMD, AVI (H.264 / JPEG), JPEG
	Professional Surveillance	Basic 36 surveillance system (IVS 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
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
Browsing Requirement	Power Consumption	560 mA, 5.8 W
	OS	Microsoft Windows 2000 / XP / 2003 / Vista
	CPU	Intel Celeron 2.6 GHz, 256 MB RAM
	Graphic	32 MB
Environmental	Web Browser	Microsoft Internet Explorer 6.0 or above
	Operating	0 °C ~ 45 °C
	Storage	-30 °C ~ 60 °C
Humidity	0 ~ 80% RH non-condensing	

DVR

Camera

IP

Accessories

VGA

Mega-Pixels

2 Mega-Pixels

D1

CCD

CMOS

H.264

H.264 1 Channel Video Server



Key Features:

- * 1Ch Real-time Full D1 720x480 at 30fps
- * Dual codec & stream H.264 SP & MJPEG
- * Bi-directional audio communication
- * Wireless LAN module (optional)
- * 3rd-party PTZ via RS-485 interface
- * 3GPP & Smart phone mobile surveillance
- * Universal web surveillance
- * 4/9/16/36Ch advanced NVR (optional)
- * Local recording to SD card
- * SI with RS-232, I/O, SDK and more

Specification:

Model	AiH-VS100	
Video	Video Standard	H.264 & 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
	Video Quality	5 lv (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 In	Composite: 1 x BNC
	Video In Loop Through	Composite: 1 x BNC
	Full Screen	Yes
	Imaging Contour	Brightness, contrast, hue, saturation
Zooming	Digital 4X	
Audio	Compression Format	ADPCM, bi-directional audio streaming
	Audio Line Input / Output	1 / 1 RCA jack
CPU	CPU	ARM 9, 32-bit RISC
	RAM / ROM	128MB / 8MB
Alarm	Alarm In / Out / Relay	2 x In, 2 x Relay (N.O. interval selectable), terminal block
	Video Analytics	Video Motion Detection (VMD), 3 zones, 10 sensitivity lv
	Triggering Reaction	Relay out, E-Mail, FTP, SD archiving
	Pre / Post Event	5 / 10 sec recording
	PTZ Control	RS-485, terminal block
Integration	RS-232, D-sub 9-pin	

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	
	Encryption	WEP 64 / 128-bit, WPA, PSK	
Local Re-cording	SD Card Storage *	VMD, network IP check, network disconnection recording (wired model only)	
	Format	AVI (H.264 / JPEG), JPEG	
	Control	Playback, file management	
Remote Re-cording	Mobile Surveillance	3G / 3G Symbian / iPhone / Blackberry	
	Web Surveillance	Web browser, manual, VMD, AVI (H.264 / JPEG), JPEG	
	Professional Surveillance	Basic 36 surveillance system (IVS 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	Dimension (HxWxD)	134.0 x 42.0 x 107.0 mm
		Weight	400 g
Electrical	Input Voltage	DC 12V, front LED indicator	
	Power Consumption	Wired: 250mA, 3.0W; Wireless: 350mA, 4.2W	
Browsing Requirement	OS	Microsoft Windows 2000 / XP / 2003 / Vista / Windows7	
	CPU	Intel Celeron 1.66 GHz, 1024 MB RAM	
	Graphic	128 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	

H.264 4 Channels Video Server



Key Features:

- * Dual Streaming design (record/ IP/ mobile/
- * 4Ch D1 up to 120fps
- * Dual codec H.264 & M-JPEG
- * Bi-directional audio communication
- * Wireless LAN module (optional)
- * 3rd-party PTZ via RS-485 interface
- * iPhone, Smart phone mobile surveillance
- * Universal web surveillance
- * 4/9/16/36Ch advanced NVR (optional)
- * Local recording to SD card
- * Seamless SI with SDK resources

Specification:

Model	AiH-VS400	
Video	Video Standard	Dual codec H.264 & M-JPEG
	Group of Picture (GOP)	I / IP, selectable 3 levels multiplier
	Data Rate	64.0 kbps ~ 4.0 Mbps CBR, 4 ~ 30 levels VBR
	Video Quality	5 lv (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 In Loop-Through	Composite: 4 x BNC
Full Screen	Yes	
Imaging Contour	Brightness, contrast, hue, saturation	
Audio	Compression Format	ADPCM, bi-directional audio streaming
	Audio Line Input / Output	4 / 1 RCA jack
CPU	CPU	ARM 9, 32-bit RISC
	RAM / ROM	64MB / 8 MB
Alarm	Alarm In / Out / Relay	4 x In, 4 x Relay Out, terminal block
	Video Analytics	Video Motion Detection (VMD), 4 selectable zones, 10 sensitivity levels
	Triggering Reaction	Relay out, E-Mail, FTP, USB memory archiving
	PTZ Control	RS-485, terminal block
Network	Protocols	3GPP, DDNS, DHCP, FTP, HTTP, NTP, PPPoE, RTSP, SMTP, TCP/IP, UDP, UPnP
	Ethernet	10/100 Base-T, auto sensing, RJ-45, front LED indicator
	User Group	3 levels, maximum 20 users, 5 users simultaneously
	Encryption	WEP 64 / 128-bit, WPA, PSK

Local Re-cording	SD Card Storage *	VMD, network IP check, network disconnection recording (wired model only)
	Format	AVI/ JPEG
	Control	Playback, file management
Remote Re-cording	Mobile Surveillance	iPhone, JAVA, Andorid, Win. Mobile, Blackberry
	Web Surveillance	Web browser, manual, VMD, AVI, snapshot, playback
	Professional Surveillance	Basic 36 surveillance system (IVS Pro 36 optional)
General	Unit Configuration	Via web browser (reboot, factory default, date/time synchronization)
	Firmware	HTTP mode, remote update
	Authentication	ID, Password
	Certification	CE, FCC
Mechanical	Dimension (HxWxD)	218.0 x 44.0 x 202.0 mm
	Weight	1400 g
Electrical	Input Voltage	DC 12V, front LED indicator
	Power Consumption	Wired: 630mA, 7.56W; Wireless: 730mA, 8.76W
Browsing Requirement	OS	Microsoft Windows 2000 / XP / 2003 / Vista/ Windows7
	CPU	Intel Celeron 1.66 GHz, 1024 MB RAM
	Graphic	128 MB
Environmental	Web Browser	Microsoft Internet Explorer 6.0 or above
	Operating	0 °C ~ 45 °C
	Storage	-30 °C ~ 60 °C
	Humidity	0 ~ 80% RH non-condensing

VGA
Mega-Pixels
2 Mega-Pixels
D1
CCD
CMOS
H.264

MPEG-4 Mega-Pixels Indoor CMOS IP Network Camera



Key Features:

- * HD 1280x1024 megapixels of resolution
- * Dual codec MPEG-4 SP & JPEG
- * Dual streaming support
- * Bi-directional audio communication
- * Wireless LAN module (optional)
- * 3GPP & Smartphone mobile surveillance
- * Universal web surveillance
- * 4/9/16/36Ch advanced NVR (optional)
- * Seamless SI with SDK resources

Specification:

Model	AiP-180e	
Video	Sensor	1/4" progressive scan CMOS
	Video Standard	Dual codec MPEG-4 SP & JPEG, dual streaming support
	Group of Picture (GOP)	/ 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
	System	60 / 50 Hz
	Resolution & Frame Rate	
	SXGA	1280x1024 10/10 fps
	VGA	640x480 30/25 fps
	QVGA	320x240 30/25 fps
	QQVGA	160x120 30/25 fps
Minimum Illumination	1.0 Lux	
Imaging		
Contour	Brightness, contrast, exposure, sharpness	
Fine Tuning	AGC, BLC, AWB, AES, multi-level selectable	
Noise Reduction	Night Efficientor, selectable 4 levels	
Orientation	Flip, Mirror	
Zooming	Digital 4X	
Audio	Compression Format	ADPCM, bi-directional streaming, 50 ~ 16,000 Hz, 58 dB
	Audio Line Input / Output	1 x embedded microphone / 1 x 3.5 mm phone jack
CPU	CPU	ARM 9, 32-bit RISC
	RAM / ROM	64MB / 8MB
Alarm	Video Analytics	Video Motion Detection (VMD), 3 zones, 10 sensitivity lv
	Triggering Reaction	E-Mail, FTP
	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)
	User Group	3 levels, maximum 20 users, 10 users simultaneously
	Encryption	WEP 64 / 128-bit, WPA, PSK
Remote Re-cording	Mobile Surveillance	3G / 3G Symbian / Smartphone mobile & PDA phones
	Web Surveillance	Web browser, manual, VMD, AVI, snapshot, playback
	Professional Surveillance	Basic 36 surveillance system (IVS 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
	Certification	CE, FCC
	Mechanical	
Lens Type & Mounting	Board 4.0 mm, F2.0, fixed Iris, angle 48°, changeable	
	Dimension (HxWxD)	94.3 x 59 x 45.5 mm
Weight	180 g	
Electrical	Input Voltage	DC 12V, front LED indicator
	Power Consumption	Wired: 260 mA, 3.1W; Wireless: 360 mA, 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

MPEG-4 Mega-Pixels Indoor CMOS IP Network Camera



Key Features:

- * HD 1280x1024 megapixels of resolution
- * Dual codec MPEG-4 SP & JPEG
- * Dual streaming support
- * Bi-directional audio communication
- * Wireless LAN module (optional)
- * 3GPP & Smartphone mobile surveillance
- * Universal web surveillance
- * 4/9/16/36Ch advanced NVR (optional)
- * Local recording to SD card
- * Seamless SI with SDK resources

Specification:

Model	AiP-1280	
Video	Sensor	1/4" progressive scan CMOS
	Video Standard	Dual codec MPEG-4 SP & JPEG, dual streaming support
	Group of Picture (GOP)	/ 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
	System	60 / 50 Hz
	Resolution & Frame Rate	
	SXGA	1280x1024 10/10 fps
	VGA	640x480 30/25 fps
	QVGA	320x240 30/25 fps
	QQVGA	160x120 30/25 fps
	Minimum Illumination	1.0 Lux
	Imaging	
	Contour	Brightness, contrast, exposure, sharpness
	Fine Tuning	AGC, BLC, AWB, AES, multi-level selectable
	Noise Reduction	Night Efficientor, selectable 4 levels
Orientation	Flip, Mirror	
Zooming	Digital 4X	
Audio	Compression Format	ADPCM, bi-directional streaming, 50 ~ 16,000 Hz, 58 dB
	Audio Line Input / Output	1 x embedded microphone / 1 x 3.5 mm phone jack
CPU	CPU	ARM 9, 32-bit RISC
	RAM / ROM	64MB / 8MB
Alarm	Video Analytics	Video Motion Detection (VMD), 3 zones, 10 sensitivity lv
	Triggering Reaction	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)
	User Group	3 levels, maximum 20 users, 10 users simultaneously
	Encryption	WEP 64 / 128-bit, WPA, PSK
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, snapshot, playback
	Professional Surveillance	Basic 36 surveillance system (IVS 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
	Certification	CE, FCC
Mechanical	Lens Type & Mounting	Board 4.0 mm, F2.0, fixed Iris, angle 48°, changeable
	Dimension (HxWxD)	111.7 x 67.1 x 50.6 mm
	Weight	180 g
Electrical	Input Voltage	DC 5V, front LED indicator
	Power Consumption	Wired: 600mA, 3W; Wireless: 800mA, 4W
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

VGA

Mega-Pixels

2 Mega-Pixels

D1

CCD

CMOS

H.264

MPEG-4 Mega-Pixels Indoor CMOS IP Network Camera



Key Features:

- * 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:

Model	AiP-280	
Video	Sensor	1/4" progressive scan CMOS
	Video Standard	Dual codec MPEG-4 SP & JPEG, dual streaming support
	Group of Picture (GOP)	/ 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 Efficientor, selectable 4 levels	
Zooming	Digital 4X	
Audio	Compression Format	ADPCM, bi-directional audio streaming
	Audio Line Input / Output	1 / 1 RCA jack
CPU	CPU	ARM 9, 32-bit RISC
	RAM / ROM	64MB / 8MB
Alarm	Video Analytics	Video Motion Detection (VMD), 3 zones, 10 sensitivity lv
	Triggering Reaction	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 Re-cording	SD Card Storage *
Format		AVI (MPEG-4 / JPEG), JPEG
Control		Playback, file management
Remote Re-cording	Mobile Surveillance	3G / 3G Symbian / Smartphone mobile & PDA phones
	Web Surveillance	Web browser, manual, VMD, AVI, snapshot, playback
	Professional Surveillance	Basic 36 surveillance system (IVS 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
	Certification	CE, FCC
	Mechanical	Lens Type & Mounting
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

MPEG-4 Mega-Pixels Indoor CMOS IP Network Camera



Key Features:

- * HD 1280x1024 megapixels of resolution
- * Dual codec MPEG-4 SP & JPEG
- * Dual streaming support
- * Intelligent video content analytics VMD
- * Indoor ceiling dome design
- * 3GPP & Smartphone mobile surveillance
- * Universal web surveillance
- * 4/9/16/36Ch advanced NVR (optional)
- * Local recording to SD card
- * Seamless SI with SDK resources

Specification:

Model	AiP-480	
Video	Sensor	1/4" progressive scan CMOS
	Video Standard	Dual codec MPEG-4 SP & JPEG, dual
	Group of Picture (GOP)	/ IP, selectable 3 levels multiplier
	Data Rate	Streaming 1: 32 kbps ~ 4 Mbps CBR, 1 ~ 10
		Streaming 2: 32 kbps ~ 3 Mbps CBR, 1 ~ 10
	Resolution & Frame	
	SXGA	1280x1024 10/10 fps
	VGA	640x480 30/25 fps
	QVGA	320x240 30/25 fps
	QQVGA	160x120 30/25 fps
	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 Efficientor, selectable 4 levels	
Zooming	Digital 4X	
CPU	CPU	ARM 9, 32-bit RISC
	RAM / ROM	32MB / 8MB
Alarm	Video Analytics	Video Motion Detection (VMD), 3 zones, 10
	Triggering Reaction	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 simul-

Local Re-cording	SD Card Storage *	VMD, network IP check, network disconnection recording (wired model only)
	Format	AVI (MPEG-4 / JPEG), JPEG
	Control	Playback, file management
Remote Re-cording	Mobile Surveillance	3G / 3G Symbian / Smartphone mobile & PDA phones
	Web Surveillance	Web browser, manual, VMD, AVI, snapshot,
	Professional Surveillance	Basic 36 surveillance system (IVS Pro 36 optional)
General	Unit Configuration	Via web browser (reboot, factory default,
	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
Dimension (HxWxD)		118.0 x 104.0 mm
Weight		400 g
Electrical	Input Voltage	DC 12V
	Power Consumption	200 mA, 2.4 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

VGA

Mega-Pixels

2 Mega-Pixels

D1

CCD

CMOS

H.264

MPEG-4 Mega-Pixels Outdoor Vandal IP Network Camera



Key Features:

- * HD 1280x1024 megapixels of resolution
- * Dual codec & stream MPEG-4 SP & 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:

Model	AiP-580	
Video	AiP-580	1/4" progressive scan CMOS
	Video Standard	Dual codec MPEG-4 SP & JPEG, dual streaming support
	Group of Picture (GOP)	/ 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
	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 Efficientor, selectable 4 levels	
Zooming	Digital 4X	
Audio	Compression Format	ADPCM, bi-directional audio streaming
	Audio Line Input / Output	1 / 1 RCA jack
CPU	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 lv
	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
	Encryption	WEP 64 / 128-bit, WPA, PSK
Local Re-cording	SD Card Storage *	VMD, network IP check, network disconnection recording (wired model only)
	Format	AVI (MPEG-4 / JPEG), JPEG
Remote Re-cording	Control	Playback, file management
	Mobile Surveillance	3G / 3G Symbian / Smartphone mobile & PDA phones
	Web Surveillance	Web browser, manual, VMD, AVI, snapshot, playback
General	Professional Surveillance	Basic 36 surveillance system (IVS Pro 36 optional)
	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
	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)	137.0 x 102.0 mm
	Weight	450 g
Electrical	DC 12V	DC 12V
	490 mA, 5.8 W	200 mA, 2.4 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

MPEG-4 VGA Indoor CMOS IP Network Camera



Key Features:

- * Real-time 640x480 at 30fps
- * Tri-stream codec MPEG-4 SP
- * Dual streaming support
- * Bi-directional audio communication
- * Intelligent video content analytics VMD
- * Wireless LAN module (optional)
- * 3GPP & Smartphone mobile surveillance
- * Universal web surveillance
- * 4/9/16/36Ch advanced NVR (optional)
- * Seamless SI with SDK resources

Specification:

Model	AiP-100e	
Video	Sensor	1/4" progressive scan CMOS
	Video Standard	Tri-stream codec MPEG-4 SP, 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
	System	60 / 50 Hz
	Resolution & Frame Rate	
	VGA	640x480 30/25 fps
	QVGA	320x240 30/25 fps
	QQVGA	160x120 30/25 fps
	Minimum Illumination	1.5 Lux
	Imaging	
	Contour	Brightness, contrast, saturation, exposure, sharpness
Fine Tuning	AGC, BLC, AWB, AES, multi-level selectable	
Noise Reduction	Night Efficientor, selectable 4 levels	
Orientation	Flip, Mirror	
Zooming	Digital 4X	
Audio	Compression Format	ADPCM, bi-directional streaming, 50 ~ 16,000 Hz, 58 dB
	Audio Line Input / Output	1 x embedded microphone / 1 x 3.5 mm phone jack
CPU	CPU	ARM 9, 32-bit RISC
	RAM / ROM	32MB / 8MB
Alarm	Video Analytics	Video Motion Detection (VMD), 3 zones, 10
	Triggering Reaction	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)
	User Group	3 levels, maximum 20 users, 10 users simultaneously
	Encryption	WEP 64 / 128-bit, WPA, PSK
	Remote Re-cording	Mobile Surveillance
Web Surveillance		Web browser, manual, VMD, AVI, snapshot, playback
Professional Surveillance		Basic 36 surveillance system (IVS 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
Dimension (HxWxD)		94.3 x 59 x 45.5 mm
Weight		180 g
Electrical	Input Voltage	DC 12V, front LED indicator
	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

VGA

Mega-Pixels

2 Mega-Pixels

D1

CCD

CMOS

H.264

MPEG-4 VGA Indoor CMOS IP Network Camera



Key Features:

- * Real-time 640x480 at 30fps
- * Tri-stream codec MPEG-4 SP
- * Dual streaming support
- * Bi-directional audio communication
- * Wireless LAN module (optional)
- * 3GPP & Smartphone mobile surveillance
- * Universal web surveillance
- * 4/9/16/36Ch advanced NVR (optional)
- * Local recording to SD card
- * Seamless SI with SDK resources

Specification:

Model	AiP-100	
Video	Sensor	1/4" progressive scan CMOS
	Video Standard	Tri-stream codec MPEG-4 SP, dual streaming
	Group of Picture (GOP)	I / IP, selectable 3 levels multiplier
	Data Rate	Streaming 1: 32 kbps ~ 4 Mbps CBR, 1 ~ 10
		Streaming 2: 32 kbps ~ 3 Mbps CBR, 1 ~ 10
	System	60 / 50 Hz
	Resolution & Frame	
	VGA	640x480 30/25 fps
	QVGA	320x240 30/25 fps
	QQVGA	160x120 30/25 fps
	Minimum Illumination	1.0 Lux
	Imaging	
	Contour	Brightness, contrast, saturation, exposure,
Fine Tuning	AGC, BLC, AWB, AES, multi-level selectable	
Noise Reduction	Night Efficientor, selectable 4 levels	
Orientation	Flip, Mirror	
Zooming	Digital 4X	
Audio	Compression Format	ADPCM, bi-directional streaming, 50 ~ 16,000
	Audio Line Input /	1 x embedded microphone / 1 x 3.5 mm
CPU	CPU	ARM 9, 32-bit RISC
	RAM / ROM	64MB / 8MB
Alarm	Video Analytics	Video Motion Detection (VMD), 3 zones, 10
	Triggering Reaction	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)
	User Group	3 levels, maximum 20 users, 10 users simultaneously
	Encryption	WEP 64 / 128-bit, WPA, PSK
Local Re-cording	SD Card Storage *	VMD, network IP check, network disconnection recording (wired model only)
	Format	AVI (MPEG-4), JPEG
	Control	Playback, file management
Remote Re-cording	Mobile Surveillance	3G / 3G Symbian / Smartphone mobile & PDA phones
	Web Surveillance	Web browser, manual, VMD, AVI, snapshot, playback
	Professional Surveillance	Basic 36 surveillance system (IVS 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	Board 4.0 mm, F2.0, fixed Iris, angle 48°, changeable
	Dimension (HxWxD)	111.7 x 67.1 x 50.6 mm
	Weight	180 g
Electrical	Input Voltage	DC 5V, front LED indicator
	Power Consumption	Wired: 600mA, 3W; Wireless: 800mA, 4W
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

MPEG-4 VGA Indoor CMOS IP Network Camera



Key Features:

- * Real-time resolution up to 640x480
- * Real-time frame rate up to 30fps
- * Dual codec MPEG-4 SP & JPEG
- * Dual streaming support
- * Intelligent video content analytics VMD
- * 3GPP & Smartphone mobile surveillance
- * Universal web surveillance
- * 4/9/16/36Ch advanced NVR (optional)
- * Local recording to SD card
- * Seamless SI with SDK resource

Specification:

Model	AiP-400		
Video	Sensor	1/4" progressive scan CMOS	
	Video Standard	Tri-stream codec MPEG-4 SP, dual streaming	
	Group of Picture (GOP)	/ IP, selectable 3 levels multiplier	
	Data Rate	Streaming 1: 32 kbps ~ 4 Mbps CBR, 1 ~ 10	
		Streaming 2: 32 kbps ~ 3 Mbps CBR, 1 ~ 10	
	System	60 / 50 Hz	
	Resolution & Frame	VGA	640x480 30/25 fps
		QVGA	320x240 30/25 fps
		QQVGA	160x120 30/25 fps
		Minimum Illumination	1.0 Lux
	Imaging	Contour	Brightness, contrast, saturation, exposure,
		Fine Tuning	AGC, BLC, AWB, AES, multi-level selectable
		Noise Reduction	Night Efficientor, selectable 4 levels
		Orientation	Flip, Mirror
Zooming		Digital 4X	
CPU	CPU	ARM 9, 32-bit RISC	
	RAM / ROM	64MB / 8MB	
Alarm	Video Analytics	Video Motion Detection (VMD), 3 zones, 10	
	Triggering Reaction	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	

Local Re-cording	SD Card Storage *	VMD, network IP check, network disconnection recording (wired model only)
	Format	AVI (MPEG-4), JPEG
	Control	Playback, file management
Remote Re-cording	Mobile Surveillance	3G / 3G Symbian / Smartphone mobile & PDA phones
	Web Surveillance	Web browser, manual, VMD, AVI, snapshot, playback
	Professional Surveillance	Basic 36 surveillance system (IVS 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
Dimension (ØxH)		118.0 x 104.0 mm
Weight		400 g
Electrical	Input Voltage	DC 12V
	Power Consumption	200 mA, 2.4 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

VGA

Mega-Pixels

2 Mega-Pixels

D1

CCD

CMOS

H.264

MPEG-4 CCD True D&N IP Network Camera



Key Features:

- * Real-time Full D1 720x480 at 30fps
- * Dual codec & stream MPEG-4 SP & JPEG
- * Bi-directional audio communication
- * Power-over-Ethernet module (optional)
- * Wireless LAN module (optional)
- * 3GPP & Smartphone mobile surveillance
- * 4/9/16/36Ch advanced NVR (optional)
- * Local recording to SD card
- * Built-in I/O, SDK and more
- * Seamless SI with SDK resources

Specification:

Model	AiP-200		
Video	Sensor	1/3" Sony Super HAD CCD	
	Video Standard	Dual streaming codec MPEG-4 SP, JPEG	
	Group of Picture (GOP)	/ 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	
	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	
	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	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 Re-cording	SD Card Storage *	VMD, network IP check, network disconnection recording (wired model only)
	Format	AVI (MPEG-4 / JPEG), JPEG
	Control	Playback, file management
Remote Re-cording	Mobile Surveillance	3G / 3G Symbian / Smartphone mobile & PDA phones
	Web Surveillance	Web browser, manual, VMD, AVI, snapshot, playback
	Professional Surveillance	Basic 36 surveillance system (IVS Pro 36 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
	Log Listing	System, VMD, Alarm
	Regulatory Approval	CE, FCC, RoHS, WEEE
Mechanical	Lens Type & Mounting	CS mount, DC Iris
	Dimension (HxWxD)	58x65x131.5 mm
	Weight	250 g (W/O PoE, WiFi module)
Electrical	Input Voltage	DC 12V
	Power Consumption	Wired: 450mA, 5.4W; Wireless: 550mA, 6.6W
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

MPEG-4 CCD True D&N Outdoor IP Network Camera



Key Features:

- * 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
- * 3GPP & Smartphone mobile surveillance
- * Universal web surveillance
- * 4/9/16/36Ch advanced NVR (optional)
- * Local recording to SD card
- * Vandal-proof, IP66, SDK and more

Specification:

Model	AiP-420		
Video	Sensor	1/3" Sony CCD	
	Video Standard	Dual codec MPEG-4 SP & JPEG, dual streaming support	
	Group of Picture (GOP)	/ 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	
	Horizontal Resolution	Authentic DSP empowering 520 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	12 x IR LED embedded, Mechanical ICR (optional)	
	Sensitivity	Min 0.1 Lux at hi-res, 0.05 Lux at mid-res, 0 Lux with ICR	
	Full Screen	Yes	
	Imaging	Contour	Brightness, contrast, hue, saturation
		Fine Tuning	BLC, AWB, multi-level selectable
Zooming		Digital 4X	
CPU	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
Local Re-cording	SD Card Storage *	VMD, network IP check, network disconnection recording (wired model only)
	Format	AVI (MPEG-4 / JPEG), JPEG
	Control	Playback, file management
Remote Re-cording	Mobile Surveillance	3G / 3G Symbian / Smartphone mobile & PDA phones
	Web Surveillance	Web browser, manual, VMD, AVI, snapshot, playback
	Professional Surveillance	Basic 36 surveillance system (IVS 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

VGA

Mega-Pixels

2 Mega-Pixels

D1

CCD

CMOS

H.264

MPEG-4 CCD True D&N Outdoor IP Network Camera



Key Features:

- * Real-time Full D1 720x480 at 30fps
- * Dual codec & stream MPEG-4 SP & JPEG
- * Bi-directional audio communication
- * D/N reflective IR LEDs (ICR 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
- * VMD, I/O, vandal, IP66, SDK and more

Specification:

Model	AiP-500	
Video	Sensor	1/3" Sony CCD
	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
	Sensor Matrix	768x494 / 752x582
	Horizontal Resolution	Authentic DSP empowering 520 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	12 x IR LED embedded, Mechanical ICR (optional)
	Sensitivity	Min 0.1 Lux at hi-res, 0.05 Lux at mid-res, 0 Lux with ICR
	Full Screen	Yes
Imaging		
	Contour	Brightness, contrast, hue, saturation
	Fine Tuning	BLC, AWB, multi-level selectable
	Zooming	Digital 4X
Audio	Compression Format	ADPCM, bi-directional audio streaming
	Audio Line Input / Output	1 / 1 RCA jack
CPU	CPU	ARM 9, 32-bit RISC
	RAM / ROM	64MB / 8MB
Alarm	Alarm In / Relay Out	1 x In, 1 x Relay Out (N.O. interval selectable)
	Video Analytics	Video Motion Detection (VMD), 3 zones, 10 sensitivity lv
	Triggering Reaction	Relay out, E-Mail, FTP, SD archiving
Pre / Post Alarm	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 802.3af compliant (embedded, optional)
	PoE	3 levels, maximum 20 users, 10 users simultaneously
	User Group	WEP 64 / 128-bit, WPA, PSK
Local Re-cording	SD Card Storage *	VMD, network IP check, network disconnection recording (wired model only)
	Format	AVI (MPEG-4 / JPEG), JPEG
	Control	Playback, file management
Remote Re-cording	Mobile Surveillance	3G / 3G Symbian / Smartphone mobile & PDA phones
	Web Surveillance	Web browser, manual, VMD, AVI, snapshot, playback
	Professional Surveillance	Basic 36 surveillance system (IVS Pro 36 optional)
General	Unit Configuration	Via web browser (reboot, factory default, time synchronization, OSD overlay)
	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
	Vandal Proof	400 pounds
	Dimension (ØxH)	137.0 x 102.0 mm
Electrical	Weight	450 g
	Input Voltage	DC 12V
Browsing Requirement	Power Consumption	490 mA, 5.8 W
	OS	Microsoft Windows 2000 / XP / 2003 / Vista
	CPU	Intel Celeron 1.6 GHz, 256 MB RAM
	Graphic	32 MB
Environmental	Web Browser	Microsoft Internet Explorer 6.0 or above
	Operating	0°C ~ 45°C
	Storage	-30°C ~ 60°C
Humidity	0 ~ 80% RH non-condensing	

MPEG-4 CCD D&N Pan/ Tilt/ Zoom Network Camera



Key Features:

- * Real-time Full D1 720x480 at 30fps
- * Dual codec & stream MPEG-4 SP & JPEG
- * Bi-directional audio communication
- * Mechanical P/T & 12X optical Zoom
- * Wireless LAN module (optional)
- * 3GPP & Smartphone mobile surveillance
- * Universal web surveillance
- * 4/9/16/36Ch advanced NVR (optional)
- * Local recording to SD card
- * ICR, VMD, I/O, SDK and more

Specification:

Model	AiP-Z120	
Video	Sensor	1/4" Color CCD
	Video Standard	Dual codec MPEG-4 SP & JPEG, dual streaming support
	Group of Picture (GOP)	/ 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	Authentic DSP empowering 420 horizontal 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	1 x RCA S-video
	Sensitivity	Minimum 0.5 Lux, 0 Lux with ICR on
	Day / Night Illumination	Mechanical IR Cut Filter (ICR)
	Imaging	Full screen
Contour	Brightness, contrast, hue, saturation	
Optical Zoom	AWB, AES (incl flickerless), sharpness, iris control	
Orientation	Flip, Mirror	
Pan/ Tilt/ Zoom	P / T / Z	- 135° ~ +135° / -30° ~ +90° / 12X optical, 4X digital
	Control	9 preset points, guard touring, horizontal panning
Audio	Compression Format	ADPCM, bi-directional audio streaming
	Audio Line Input / Output	1 / 1 phone jack 3.5 mm
CPU	CPU	ARM 9, 32-bit RISC
	RAM / ROM	64 MB / 8 MB
Alarm	Alarm In / Out / Relay	1 x In, 1 x Out (N.O. interval selectable)
	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, front LED indicator
	Wireless	IEEE 802.11b/g compliant (optional)
	User Group	4 levels, maximum 20 users, 10 users simultaneously
	Encryption	WEP 64 / 128-bit, WPA, PSK
Local Re-cording	SD Card Storage *	VMD, network IP check, network disconnection recording (wired model only)
	Format	AVI (MPEG-4 / JPEG), JPEG
	Control	Playback, file management
Remote Re-cording	Mobile Surveillance	3G / 3G Symbian / Smartphone mobile & PDA phones
	Web Surveillance	Web browser, manual, VMD, AVI, snapshot, playback
	Professional Surveillance	Basic 36 surveillance system (IVS Pro 36 optional)
General	Unit Configuration	Via web browser (reboot, factory default, date/time synchronization, OSD overlay)
	Profile Management	Configuration values export & import
	Authentication	ID, Password
	Firmware	HTTP mode, remote update
	Log Listing	System, VMD, Alarm
	Certification	CE, FCC
	Mechanical	Lens Type & Mounting
	Dimension (HxWxD)	105.0 x 157.0 x 105.0 mm
	Weight	500 g
Electrical	Input Voltage	DC 5V, front LED indicator
	Power Consumption	Wired: 1.7A, 8.5W; Wireless: 1.9A, 9.5W
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

VGA

Mega-Pixels

2 Mega-Pixels

D1

CCD

CMOS

H.264

Intelligent Video Analytic NVR

Cubic Series



Standard Series



Main Features:

- * Standalone Windows XP Embedded NVR, up to 4/9/16/36 CH Available
 - * Support Various 3rd. Party Cameras
 - * Multi-Server CMS Included
 - * Maximum up to 2 internal HDD recording
 - * IVA (Intelligent Video Analytics) Support
 - * Remote Access/ Surveillance/ Control/ Management
 - * IE Live View Access
 - * RAID Management
-
- * Standalone Windows XP Embedded NVR, up to 4/9/16/36 CH Available
 - * Support Various 3rd. Party Cameras
 - * Multi-Server CMS Included
 - * Maximum up to 5 internal HDD recording, eSATA/ DVD Support (optional)
 - * IVA (Intelligent Video Analytics) Support
 - * Remote Access/ Surveillance/ Control/ Management
 - * IE Live View Access
 - * RAID Management
 - * Standard 4U 19" rack mount size

Software Features:

Display

- * Simultaneous 36 Ch, in 1, 4, 9, 16, 36 split-views, full screen, event pop-up, sequencing, hiding
- * Multi-digital monitor support and operation
- * On-screen digital zoom, I/O & PTZ interfaces
- * Higher Screen Resolution (1920x1080, 1366x768, 1680x1050, 1600x900, 1440x900, 1920x1200, 1600x1200 etc.)
- * Drag-and Drop support for cameras on 2 Windows viewer
- * Windows lockup

Video Content Analytics

- * Multi-sensitivity video motion detection, up to 3 customizable zones per channel
- * Smart search mega-event screening

Recording

- * Multi-methods include continuous, user-specified schedule, video analytics, alarm triggering
- * Pre/post-event record buffering (1~60 Sec.)
- * Privacy black-out
- * On-Screen emergency manual recording

Playback

- * Multi-type of events at multiple playback speeds
- * SD card file directly playback (for cameras that can support SD card model)
- * Synchronized audio and video for both live and playback modes
- * AVI file export, playable with third-party players
- * Max. 16 channels synchronized playback
- * Playback Mode: Play/ Pause/ Stop/ Reverse Play, Different Speed Control etc.
- * Image Filter (Brightness, Contrast, Smooth, Sharpness, Hue, Saturation etc.)

Reliability

- * E-mail notification of event triggering
- * Keyboard lock, auto reboot & auto logout
- * Profile management
- * Multi-user group authentication management
- * Access Control (Black or White IP address list management)

Smart Search

- * Day/Time/Event Search
- * Smart Search (ex. Missing object, Foreign object)

Backup

- * Multi-channel data export as AVI or JPEG

Storage

- * Unlimited or multi-file recording database
- * HDD management
- * Automatically estimate HDD recording capacity

Remote Accessibility

- * Remote Web Browser: Clients can be able to watch live real-time image via IE
- * Remote Program: User can be able to remotely View Live Video, Setting and Playback
- * Remote Lite Program: Live view function
- * Remote 3GPP: Users to log in and view cameras that are connecting to it with 3GPP supported mobile phone

IVA (Intelligence Video Analytics)

- * Missing Object Detection: Detect Missing Object via video
- * Foreign Object Detection: Detect New Object via video
- * Camera Occlusion: Detect Camera blockage
- * Camera Defocus: Detect out of focus camera
- * Camera Redirection: Detect camera position re-directing
- * People Counting: Directional or Non-Directional People Counting

System Integration

- * Wide range of network cameras (ex. AXIS, ACTi etc.), video servers & PTZ speed domes supported
- * As many as I/O devices may be monitored & managed remotely & centrally
- * Smart Building e-map solution
- * Log management (ex. TXT or EXCEL)
- * HDD space management
- * Friendly Configure Tool: Monitor resolution, Enable / Disable "Windows Control", "Ping", "Overlay" and Backup configurations

Language

- * Multi-Language Support

Intelligent Video Analytic NVR

Video

- * Up to **36** Ch H.264/MPEG-4/M-JPEG compression Support
- * Each channel individually customisable; frame rate up to 30/25fps, resolution up to mega pixels (ex. 1.3~5M etc.)

Audio

- * Up to **36** channels of audio recording
- * Bi-directional (Broadcast/ Chat) audio streaming sup-

Hardware Specification:

Model Number	AiH-1004C	AiH-1009C
Case	Cubic	Cubic
Max. IP cameras	4CH	9CH
Process	Intel® Atom™ Processor D410 1.66GHz	Intel® Atom™ Processor D510 1.66GHz
Memory	1G DDRII RAM	
Operation System	Windows XP Embedded	
Multi-Server Monitoring (via CMS SW)	Yes	
HDD Capacity	2 x Fixed HDD Tray	
eSATA (Optional)	N/A	
DVD for Backup(Optional)	N/A	
RAID Protection	Yes	
LAN Port	1000BASE-T Gigabit x 2	
USB Port	2 x USB 2.0 (Front Side)	
LED Indicators	Power/ HDD	
Buttons	Power/ Re-Set	
Dimension	193x290x208	
Weight	13.1 lbs (6kg) W/O HDD	
Operation Temperature	0°C~+60°C (32°C~140°C)	
Humidity Range	10%-95% relative humidity, non-condensing	
Power Supply	Input: 110-240V AC, 50/60Hz, Internal Power Supply: 120W	

Hardware Performance				
Resolution	CIF (320x240)	VGA (640x480)	SXGA (1280x1024)	
Real-time CH Recommend	45	16	7	9
CPU Loading	45%	55~67%	57%	59%
FPS	1125	400	70	90
NOTE				Live image delay 2~3/sec

Model Number	AiH-1004S	AiH-1009S	AiH-1016S	AiH-1036S
Case	19" Rack Size, 4U			
Max. IP cameras	4CH	9CH	16CH	36CH
Process	Intel® Atom™ Processor D410 1.66GHz	Intel® Atom™ Processor D510 1.66GHz	Intel® Core™ i3-530 2.93GHz / 4M	Intel® Core™ i5-760 2.8GHz / 8M
Memory	1G DDRII RAM		2G DDR3 1333 (Dual Channels)	
Operation System	Windows XP Embedded			
Multi-Server Monitoring (via CMS SW)	Yes			
HDD Capacity	4 x Fixed HDD Tray		(Max. 5 units)	
eSATA (Optional)	N/A		Yes	
DVD for Backup(Optional)	Yes			
RAID Protection	Yes			
LAN Port	1000BASE-T Gigabit x 2			
USB Port	2 x USB 2.0 (Front Side)			
LED Indicators	Power/ HDD			
Buttons	Power/ Re-Set			
Dimension	430x163x429			
Weight	25 lbs (11.4kg) W/O HDD			
Operation Temperature	0°C~+60°C (32°C~140°C)			
Humidity Range	10%-95% relative humidity, non-condensing			
Power Supply	Input: 110-240V AC, 50/60Hz, Internal Power Supply: 400W			

Hardware Performance				
Resolution	CIF (320x240)	VGA (640x480)	SXGA (1280x1024)	
Real-time CH Recommend	72	36	16	36
CPU Loading	15~20%	31~33%	40~42%	80~90%
FPS	1800	900	160	360