



AIC-5500 Series MPEG-4 Day/Night 100x IP Zoom Camera



Main Features:

- 1/4" SONY Super HAD with 470K/410K pixels
- Built-in auto focus / auto iris zoom lens
- 10X optical & 10X digital zooms, total 100x zoom ratio
- Min. 0.1 Lux at F=1.8 (30 IRE, SAGC ON)
- BLC, Motion Detection, Masking and AWB supported
- Digital P/T/Z function
- Pictures freeze function by field or frame mode
- Auto zooming while motion detect event triggered
- MPEG-4 ASP compliant compression
- CIF up to Full D1 resolution at 30/25 FPS
- Dual MPEG-4 video stream output via LAN and WAN (PPPoE supported) ports at the same time
- QoS enabled (L3) video streaming
- Bi-directional audio supported

MPEG-4 compression gives a high resolution image quality

The AIC-5500 Series MPEG-4 Day and Night IP Zoom Camera adopts MPEG-4 Advanced Simple Profile (ASP) compliant compression technology to produce Full D1 resolution. It utilizes the premium 1/4" SONY SuperHAD / Exview HAD CCD sensor, and has general resolution of 500 TV lines. The Smart Optical Low Pass Filter (OLPF) switching mechanism allows working consistently in day time (visible light) in color and night time (invisible light) in monochrome mode with no focus shift. The real-time image transmission is 30 fps (720 x 480 pixels, NTSC) and 25 fps (720 x 576 pixels, PAL)

Advanced network technologies enable real-time surveillance

With advanced MPEG-4 ASP compliant video compression and QoS-enabled streaming, the AIC-5500 Series IP zoom camera smooth analog-video like transmission over LAN or WAN to reach true remote video surveillance goal. The IP Zoom Camera not only supports DDNS, but also has a build-in web server to enable authorized users to adjust the camera setting via remote web browsers.

Sophisticated design

In addition to support a video auto iris lens, the IP Zoom Camera also has software-controlled including backlight compensation, auto white balance, auto gain control, automatic electronic shutter and fix shutter mode (1/100, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/10000 sec.) for different application conditions.

Product Specifications:

		AIC-5500	AIC-5510
Image	Device	1/4" SONY SuperHAD CCD	1/4" SONY ExviewHAD CCD
	Effective Pixels (HxV)	811 x 508 (NTSC); 795 x 596 (PAL)	
	Horizontal Resolution	500 TVL	
Horizontal Resolution	Color	0.5 Lux at F1.8 (30 IRE, SAGC)	0.1 Lux at F1.8 (30 IRE, SAGC)
	B/W	0.1 Lux at F1.8 (30 IRE, SAGC) 0.01 Lux at F1.8 (64x sense up, 30 IRE, SAGC)	0.02 Lux at F1.8 (30 IRE, SAGC) 0.002 Lux at F1.8 (64x sense up, 30 IRE, SAGC)
	IR Sensitivity	From 700 nm to 1100 nm	
Lens	Focal Length	4.2 ~ 44 mm	
	Zoom Ratio	100x (10x optical & 10x electronic zoom)	
Synchronization	Sync. System	Internal / line lock	
Functions	Diagonal Angle	3.7° ~ 36° (horizontal)	
	Zoom Speed	1.6 sec.	
	Motion Detection	Yes (48 zones, level sensitivity 10)	
	Electronic Shutter	1/60 ~ 1/100,000 sec. (NTSC); 1/50 ~ 1/100,000 sec. (PAL)	
	Fixed Shutter	1/100, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/10000	
	BLC	Auto on/off	
	AGC	Super AGC 0 ~ 36 dB	
	White Balance	ATW/AWB/Indoor/Outdoor/Manual	
	Number of Privacy Zone	2	
	Sense Up	2x ~ 64x sense up adjustable	
	Number of Preset	64 position	
S/N Ratio	S/N Ratio	Better than 50 dB	
Video Compression	Compression	MPEG-4 ASP Compliant	
	Picture Resolution	Full D1, CIF, QCIF	
	Bit Rate	28 K ~ 3 M bps	
	Image Frame Rate	30 fps at full D1 resolution (NTSC); 25 fps at full D1 resolution (PAL)	
Video Output	Composite Output	CVBS, 1.0Vp-p with 75 Ω loading, BNC	
Audio Input / Audio Output	Compression	8 kHz, Mono, PCM	
	Audio Line Input / Output	Unbalanced, 1.4Vp-p, 1Vrms, 3.5 mm Jack	
Alarm	Input	1, TTL, terminal block	
	Output	1, TTL, terminal block	
External I/O	Reset Button	Factory default	
	LED	System status	
Network	LAN Port	Ethernet (10/100Base-T), RJ-45 connector	
	WAN Port	Ethernet (10/100Base-T), RJ-45 connector	
	Protocol	TCP, UDP, IP, HTTP, DHCP, PPPoE, RTP, RTSP	
Software	Web Browser	Microsoft Internet Explorer 6.0 or above	
	Security	Password protection : configured by the administrator	
Operating	Temperature	5 ~ 50 °C (40 ~ 122 °F)	
Power Requirement / Consumption		DC 12 V ±10%, 9W	