

Day & Night 3MP HD IP Camera

AiP-B34N/B34A

Day & Night 3MP HD IP Camera

- Full HD 3.27 megapixel C MOS image sensor
- True H.264 AVC/MPEG-4 part 10 real-time video compression
- H.264 and Motion JPEG multi-profile video streaming
- 3D noise reduction (MCTF)
- 2D WDR function
- Digital PTZ supported
- Face / Tampering / Audio / Motion detection alarm function
- Day & Night (IR cut removable)
- 2-way audio supported
- Support Moon Light and Quad ruple Streaming technologies

AiP-B34N/B34A



IP CAMERA SERIES					
Model		B34N-05Y2B		B34A-05Y2B	
Lens	Focal Length		2.8 ~ 10 mm (CS Mount)		NA
	Iris		F1.2		NA
	Angle of View	H	95° ~ 35.8°		NA
		V	82.9° ~ 31.9°		NA
	D	128.8° ~ 40.8°		NA	
Pick Up Element		1/2.8" CMOS image sensor			
Effective Pixels		2096 (H) x 1561 (V) = 3,271,856 (pixel)			
Chip Size		7.96mm (H) x 7.61mm (V)			
Scanning System		Progressive Scan			
Infrared Cut Filter		Auto / Schedule / Day (Color) / Night (Mono) / External control			
Min. Illumination		0.015 Lux at F1.2 (Low Light Mode)			
White Balance		Auto / Tungsten / Indoor / Fluorescents1 / Fluorescents2 / Outdoor1 / Outdoor2			
Back Light Compensation		Off / On			
Electronic Shutter		1/30(25)s ~ 1/8000s			
Sense Up		Off / 1 Frame / 2 Frames / 3 Frames / 7 Frames			
Moon Light		Yes			
Auto Gain Control		36 dB Variable Gain			
3D Noise Reduction		Off / 1 ~ 32 Selectable			
2D WDR		Off / On			
Privacy Masking		Off / On (4 zones)			
Image Effects		Brightness, Contrast, Hue, Saturation, Sharpness, Mirror, Flip			
Live Video Output		CVBS 1.0Vp-p, 75 ohm, BNC connector			
Audio In / Output		Mono, 1.4 Vp-p, 50 KΩ, 3.5mm phone jack			
Operating Temperature		-30°C ~ +60°C			
Dimension		70mm(W) x 50mm(H) x 122mm(D)			
Weight		550g		450g	
Power Supply		DC12V ±10% / PoE (IEEE 802.3af compliant)			
Power Consumption		DC12V, 6W / PoE, 7.5W			

NETWORK			
Model	B34N-05Y2B		B34A-05Y2B
Resolution	3MP(2048 x 1536), 1080P(1920 x 1080),720P(1280 x 720), D1(720 x 480), CIF(352 x 240)		
Multiple profile	Profile #1	H.264 : up to 30 fps @ 1920 x 1080 , MJPEG : up to 30 fps @ 720 x 480	
	Profile #2	H.264 : up to 30 fps @ 1280 x 720 , MJPEG : up to 30 fps @ 352 x 240	
	Profile #3	H.264 : up to 30 fps @ 1920 x 1080 , MJPEG : up to 30 fps @ 1280 x 720	
	Profile #4	H.264 : up to 30 fps @ 720 x 480 , MJPEG : up to 15 fps @ 1920 x 1080	
	Profile #5	H.264 : up to 15 fps @ 2048 x 1536	
Video Streaming	RTP/HTTP, RTP/TCP, RTP/UDP		
Video Bitrate	128Kbps ~ 5Mbps		
	Frame rate and bit rate controllable on-the-fly		
	VBR / CBR / GOP supported		
Security	Base64 HTTP encryption		
	Multiple user access levels with password protection		
	10 user accounts available		
Users	8 simultaneous users		
ePTZ & Digital Zoom	Yes, ROI is supported		
OSD	Text overlay for date, time, and camera name		
Alarm Function	Alarm / motion / tampering / face detection triggering recording into SD card		
	Image upload over FTP and E-mail by face / tampering / audio / motion detection		
CPU, Memory	Embedded SoC ARM11, 528MHz, 256MB DDR2, 256MB flash memory		
Maintenance	Firmware update via HTTP		
	Firmware available at web site		
Network Interface	10Mbps / 100Mbps Base-T, RJ-45		
PC Requirement	OS : Windows 2000, Windows XP, Windows Vista, Windows 7		
	Browser : Windows Internet Explorer 6, 7, 8		
	CPU : Intel Pentium 4 1.8GHz or above		
	RAM : 1GB or above, Independent Display Card		
Network Protocols	IP, TCP, UDP, HTTP, SMTP, NTP, DDNS, UPnP, FTP, ARP, DHCP, PPPoE, DNS, RTSP, RTCP, Telnet, ONVIF		
Mobile Phone and PDA	iPhone, iPad, and Android support		
System Integration	ONVIF & ACUMEN HTTP API		
CMS	AiM HD 2.6 support		
Video Display	ACUMEN Universal ActiveX & ACUMEN Java Applet		
OS	Embedded Linux 2.6.32		
Two-way Audio	G.711 / PCM		
SD Card Recording	Support SD/SDHC card for circular recording (card is not included)		
Alarm Input / Output	Digital 1 input (TTL, +3 ~ 5V) / 1 Output (N.O.)		