

Day & Night 1080P HD IP Camera

AiP-B24N/B24A

AiP-B53N/B53A

Day & Night 1080P HD IP Camera

- 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
- Day & Night (IR cut removable)
- 2-way audio supported/
- Digital PTZ supported
- Support Moon Light and Quadruple Streaming / Triple Streaming technologies
- Face / Tampering / Audio / Motion detection alarm function(B24N/B24A)

AiP-B24N/B24A

AiP-B53N/B53A



IP CAMERA SERIES										
Model	B24N-05Y2B		B24A-05Y2B		B53N-05Y2B		B53A-05Y2B			
Lens	Focal Length		2.8~ 10 mm		NA		2.8~10mm		NA	
	Iris		F1.2		NA		F1.2		NA	
	Angle of View	H	95° ~ 35.8°		NA		95° ~ 35.8°		NA	
		V	82.9° ~ 31.9°		NA		82.9° ~ 31.9°		NA	
D		128.8° ~ 40.8°		NA		128.8° ~ 40.8°		NA		
Pick Up Element		1/2.7" CMOS image sensor			1/2.5" CMOS image sensor					
Effective Pixels		1920 (H) x 1080 (V) = 2,073,600 (pixel)								
Chip Size		5.856mm (H) x 3.276mm (V)			5.70mm (H) x 4.28mm (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)		0.03 Lux at F1.2 (Low Light Mode)		0.03 Lux at F1.2 (Low Light Mode)		0.03 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		550g		450g		
Power Supply		DC12V ±10% / PoE (IEEE 802.3af compliant)								
Power Consumption		DC12V, 6W / PoE, 7.5W								

NETWORK					
Model		B24N-05Y2B	B24A-05Y2B	B53N-05Y2B	B53A-05Y2B
Resolution		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		H.264 : up to 15 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		H.264 : up to 15 fps @ 1920 x 1080 MJPEG : up to 30 fps @ 1280 x 720	
	Profile #3	H.264 : up to 30 fps @ 1920 x 1080 MJPEG : up to 30 fps @ 1280 x 720		H.264 : up to 30 fps @ 1280 x 720 MJPEG : up to 30 fps @ 352 x 240	
	Profile #4	H.264 : up to 30 fps @ 720 x 480 MJPEG : up to 15 fps @ 1920 x 1080		NA	
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		Digital Zoom	
OSD		Text overlay for date, time, and camera name			
Alarm Functions		Alarm / motion / tampering / face detection triggering recording into SD card		Alarm / motion detection triggering recording into SD card	
		Image upload over FTP and E-mail by face / tampering / audio / motion detection		Image upload over FTP and E-mail by 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/ 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.)			