

Day/Night 1080P 60FPS Box IP Camera

AiP-B26A-05Y2W (Boston)

Day/Night 1080P 60FPS Box IP Camera

- Full HD 2.0 megapixel MOS image sensor
- 1080P 60fps True H.264 AVC High Profile video compression
- H.264 and Motion JPEG multi-profile video streaming
- 3D noise reduction (MCTF)
- HDR function up to 100dB
- Defog function
- Digital PTZ supported
- Tampering / Audio / Motion detection alarm function
- Day & Night (IR cut removable)
- Two-way audio supported
- ONVIF supported

AiP-B26A



IP CAMERA SERIES

Model	AiP-B26A-05Y2W (Boston)		
Lens	Focal Length	NA	
	Iris	NA	
	Angle of View	H	NA
		V	NA
	D	NA	
Pick Up Element	1/2.86" MOS image sensor		
Effective Pixels	1952 (H) x 1266 (V) = 2,471,232 (pixels)		
Chip Size	5.346mm (H) x 3.336mm (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 ~ 1/30000s		
Sense Up	Off / 1 Frame / 2 Frames		
Moon Light	Yes		
Auto Gain Control	54 dB Variable Gain		
3D Noise Reduction	Off / 1 ~ 32 Selectable		
2D WDR	Off / Auto / x2 / x3 / x4 (by normal mode)		
High Dynamic Range	Up to 100dB (by HDR mode, 2 shutter line interleave)		
Privacy Masking	Off / On (4 zones)		
Image Effects	Brightness, Contrast, Hue, Saturation, Sharpness, Mirror, Flip, Defog		
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 135mm(D)		
Weight	420g		
Power Supply	DC12V ±10% / PoE (IEEE 802.3af compliant)		
Power Consumption	DC12V, 7.2W / PoE, 8W		

NETWORK

Model	AiP-B26A-05Y2W (Boston)	
Video Compression	H.264 Main and High Profile, Motion JPEG	
Resolution	1080P(1920 x 1080), 720P(1280 x 720), D1(720 x 480), CIF(352 x 240)	
Multiple profile	Profile #1	Dual-stream mode, H.264 : up to 60 fps @ 1920 x 1080, Motion JPEG : up to 30fps @ 720 x 480
	Profile #2	HDR mode, H.264 : up to 30 fps @ 1920 x 1080, Motion JPEG : up to 30fps @ 720 x 480
Video Streaming	RTP/HTTP, RTP/TCP, RTP/UDP, Multicast	
Video Bitrate	128Kbps ~ 12Mbps	
	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	Audio / tampering / motion detection triggering recording into SD card	
	Image upload over FTP and E-mail by audio / tampering / motion detection	
CPU, Memory	Embedded SoC, 1.2GHz Dual ARM Cortex-A9 & 600MHz ARM11, 1GB DDR3, 256MB flash memory	
Maintenance	Firmware update via HTTP	
	Firmware available at web site	
Network Interface	10/100/1000Mbps Base-T, RJ-45	
PC Requirement	OS : Windows 2000, Windows XP, Windows Vista, Windows 7, Windows 8	
	Browser : Windows Internet Explorer 6 or above	
	CPU : Intel Core 2 Duo E6400 2.13GHz or above	
Network Protocols	RAM : 2GB or above, Independent Display Card	
	IPv4, IPv6, TCP, UDP, HTTP, SMTP, NTP, DDNS, UPnP, FTP, ARP, DHCP, PPPoE, DNS, RTSP, RTCP, Telnet, ICMP, IGMP, ONVIF, SNMP, SIP	
Mobile Phone and PDA	iPhone, iPad, and Android support	
System Integration	ONVIF & ACUMEN HTTP API	
CMS	AiM 3.0 / 2.6 / SVR support	
Video Display	ACUMEN Universal ActiveX & ACUMEN Java Applet	
OS	Embedded Linux 3.8.0	
Two-way Audio	G.711 / PCM	
SD Card Recording	Support Micro SD/SDHC/SDXC card for circular recording (card is not included)	
Alarm Input / Output	Digital 1 input (TTL, +3 – 5VDC) / 1 Output (MOS Relay contact – N.O., Load max. 40VDC/300mA)	
Control Interface	RS-485, Half-Duplex, support MLP2, Pelco D/P protocols	