

1080P HD Dome IP Camera

AiP-R24K/R53K

1080P HD Dome 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
- Digital PTZ supported
- Face / Tampering / Audio / Motion detection alarm function
- Built-in highly sensitive microphone
- One-way audio supported
- Support Moon Light and Quadruple / Triple Streaming technologies

AiP-R24K/R53K



IP CAMERA SERIES			
Model		R24K-05Y1B	R53K-05Y1B
Lens	Focal Length		4.3 mm
	Iris		F1.6
	Angle of View	H	70°
		V	51°
D		89°	
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	
Min. Illumination		0.015 Lux at F1.6	0.03 Lux at F1.6
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	
Operating Temperature		-30°C ~ +60°C	
Dimension		Φ105 x 39mm	
Weight		250g	
Power Supply		PoE (IEEE 802.3af compliant)	
Power Consumption		5W	

NETWORK			
Model	R24K-05Y1B		R53K-05Y1B
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 x1080 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 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	H.264 : up to 15 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	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 Function	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 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		
One-way Audio	G.711 / PCM		
SD Card Recording	Support Micro SD/SDHC card for circular recording (card is not included)		