

Day & Night 1080P HD Dome IP Camera

AiP-U24K

AiP-U53K/U53E

Day & Night 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
- Face / Tampering / Motion detection alarm function
- 3-Axis camera construction / Digital PTZ supported
- Screw-on design dome cover for easy and secure installation
- Day & Night (IR cut removable)
- Support Moon Light and Quadruple / Triple Streaming technologies

AiP-U24K/U53K



IP CAMERA SERIES					
Model		U24K-05N0B	U53K-05N0B	U53E-05N0B	
Lens	Focal Length	4.3 mm	4.3 mm	6 mm	
	Iris	F1.6	F1.6	F1.8	
	Angle of View	H	70°	70°	49.3°
		V	51°	51°	35.9°
D		89°	89°	64.5°	
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)			
Min. Illumination		0.015 Lux at F1.6	0.03 Lux at F1.8		
Auto Gain Control		36 dB Variable Gain			
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		Φ120 x 102mm			
Weight		400g			
Power Consumption		DC12V, 5W, POE			

NETWORK				
Model		U24K-01N0B	U53K-01N0B	U53E-01N0B
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 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		Image upload over FTP and E-mail by face / tampering / 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		
Network Protocols		RAM : 1GB or above, Independent Display Card 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		