

Day & Night 1080P HD Dome IP Camera

AiP-U53K

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- 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



IP CAMERA SERIES			
Model		U53K-01N0B	
Lens	Focal Length		4.3 mm
	Iris		F1.6
	Angle of View	H	70°
		V	51°
D		89°	
Pick Up Element		1/2.5" CMOS image sensor	
Effective Pixels		1920 (H) x 1080 (V) = 2,073,600 (pixel)	
Chip Size		5.70mm (H) x 4.28mm (V)	
Scanning System		Progressive Scan	
Infrared Cut Filter		Auto / Schedule / Day (Color) / Night (Mono)	
Min. Illumination		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	

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			