

**AH21K1D 2M PIR IR Cube IP Cam (LAN)**

**AH21K2D 2M PIR IR Cube IP Cam (WLAN)**

**AH21K7D PnP PIR IR Cube IP Cam (LAN)**

**AH21K8D PnP PIR IR Cube IP Cam (WLAN)**



Your best choice of DIY home security. The internal speaker is for on-site warning ; the internal PIR detector is to detect intruder alarm. Support 9:16 view angle for gallery/ passage monitoring.

Protect your house no matter where you are !

**Key Features**

1. H.264, and MJPEG encoder
2. 1920x1080 Full HD resolution, max 30fps/ 25fps
3. Event trigger action: Send to NAS, send to FTP, send to Email, Voice alert, save to mSD card, notify to HTTP/TCP servers, Push notify to A-MTK smart phone APP
4. Plug and play available (AH21K7D, AH21K8D)
5. Panotube™ smart phone apps



Camera module		
<b>Module Name</b>	AH21K1D	AH21K2D
	AH21K7D (PnP)	AH21K8D (PnP)
<b>Image Sensor</b>	1/2.7" Progressive CMOS sensor	
<b>Effective Pixels</b>	1920x1080 pixels	
<b>Lens</b>	f: 3.8mm	
<b>Low Lux Illuminator</b>	0.5lux	
<b>IR LED</b>	High-light IR LED* 1pc Support auto/ manual/ schedule mode for IR LED on/off	
<b>Mechanical ICR</b>	Yes	
Video		
<b>Video Encoder</b>	AH21K1D / AH21K2D	H.264 and MJPEG simultaneously
	AH21K7D (PnP) / AH21K8D (PnP)	H264

<b>Frame Rate</b>	Up to 30fps (NTSC) / 25fps (PAL)	
<b>Image Setting</b>	<b>Digital WDR</b> AE, AWB <b>3D Noise reduction</b> Exposure Value, Color Level, Brightness, Sharpness, Contrast <b>De-fog</b> <b>90 degree rotation (gallery view)</b> <b>Auto-false color</b> Mirror/Flip Lens Distortion Correction (LDC) Privacy Masks Multi-language text, time and image overlay	
<b>Streaming</b>	Dual streaming simultaneously Streaming over UDP, TCP, HTTP, or HTTPS M-JPEG streaming over HTTP (server push) Controllable frame rate and bandwidth Constant and variable bit rate (H.264)	
<b>ROI</b>	2 windows, free scale region of interest	
<b>AOI</b>	Higher quality in area of interest	
<b>Audio</b>		
<b>Audio Encoder</b>	AH21K1D / AH21K2D	RTSP: G.711 64kbps, G.726 32kbps
	AH21K7D (PnP) / AH21K8D (PnP)	AAC
<b>Audio Streaming</b>	One-way or two-way	
<b>Audio Input / Out</b>	Built-in MIC	
	Built-in speaker	
<b>Network</b>		
<b>Ethernet</b>	10/100M auto negotiation	
<b>Wireless</b>	NA	802.11n WLAN
<b>WPS</b>	NA	Yes
<b>Supported Protocols</b>	IPv6, IPv4, TCP, UDP, HTTP, HTTPS, SMTP, FTP, NTP, DNS, DDNS, DHCP, DIPS, ARP, Bonjour, UPnP, RTSP, RTP, RTCP, IGMP, PPPoE, 3GPP, Samba, ICMP, <b>QoS</b> , <b>SNMP(AH21K1D / AH21K2D)</b>	
<b>NAT Transversal</b>	UPnP NAT transversal	
<b>Plug and Play</b>	AH21K7D	AH21K8D
<b>Security</b>	Password protection, IP address filtering, HTTPS encrypted data transmission, user access log	

<b>Users</b>	8 simultaneous unicast users
<b>System Integration</b>	
<b>SDK</b>	Open API for software integration <a href="#">ONVIF (AH21K1D, AH21K2D)</a>
<b>Alarm Triggers</b>	PIR detector for human (far-infra red) Camera tampering Motion detection Audio Detection
<b>Motion Detection</b>	Up to 10 windows
<b>Alarm Events</b>	<ul style="list-style-type: none"> <li>● Video file upload via FTP server</li> <li>● Video file upload via email server</li> <li>● Video file upload via Samba to NAS</li> <li>● Notification to HTTP, and TCP server</li> <li>● Audio alerting output (speaker)</li> <li>● Video file saved to local mSD card</li> <li>● Push notify to A-MTK smart phone APP</li> </ul>
<b>Video Buffer</b>	Pre- and post- alarm buffering
<b>General</b>	
<b>Power Supply</b>	12V DC external power adapter
<b>Connectors</b>	RJ-45 10BaseT/100BaseTX 12V DC power jack Audio output mSD card Factory default reset / WPS button
<b>Indication LED</b>	Green and orange LEDs
<b>Operating Temperature</b>	0°C ~ 40°C
<b>Operating Humidity</b>	20% ~ 80% (non-condensing)
<b>Viewing System</b>	
<b>OS</b>	Windows® XP, Vista, Win7, Win8
<b>Browser</b>	IE 8.0 or latter / Firefox / Safari / Chrome
<b>Video Player</b>	VLC, Quick Time, Real Player, Core Player, iPhone™ & Android™ App
<b>Software</b>	
<b>Search &amp; Installation</b>	IP Wizard II
<b>Smart Phone Apps</b>	iVanguard for iOS SecuAngel for Android OS PanoTube for PnP application
<b>Bundled NVR Program</b>	SecuGuard 6.x:



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	<ul style="list-style-type: none"><li>* 64ch. multi-channel supports Tri-decoder</li><li>* 16ch. video playback (synchronization)</li><li>* Smart &amp; re-sizeable digital zoom.</li><li>* Snapshot and edit</li><li>* Motion, DI, Scheduler recording</li><li>* Fast rewind and forward (MPEG4, H.264, MJPEG rewind)</li><li>* 32x24 motion detection grids</li><li>* Smart search (by time, by motion )</li><li>* E-MAP</li><li>* Event schedule setting</li><li>* Remote service</li><li>* Camera tampering</li><li>* Fisheye de-warping</li></ul>
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※ The product design and dimensions may change without previous notice for improvement of performance.