

AM6221 H.264 Video Server



● Key Features

1. H.264, MPEG4 and Motion JPEG simultaneously (Tri-encoders)
2. Comprehensive I/O ports: audio in/ out; DI/ DO, RS485, RJ45, Composite video input, SD card
3. Support various protocols: RTSP, UPnP, 3GPP, Unicast, Samba, HTTPS (by request), SIP (by request)
4. Region of Interest and Google-earth-like digital zoom
5. Power over Ethernet built in

Model No.	AM6221
Video	
Video Encoder	H.264, MPEG4 and Motion JPEG simultaneously (Tri-encoders)
Video Input	1ch. Composite. CVBS / 75Ω
Video Profile (Common)	* 11 profiles simultaneously H.264: 4CIF / CIF / QCIF MPEG4: 4CIF / CIF / QCIF MJPEG: 4CIF / CIF / QCIF ROI-1: H.264@CIF ROI-2: H.264 @ CIF
Frame Rate	Up to 30fps for all profiles
Region of Interest	2 CIF windows (saving bandwidth, get stream of interested)
Image Setting	<ul style="list-style-type: none"> ● De-interlace (4CIF resolution) ● De-noise ● Text, time and date overlay
Streaming	<ul style="list-style-type: none"> ● Simultaneously multi-streaming ● Streaming over UDP, TCP, or HTTP ● M-JPEG streaming over HTTP ● Supports 3GPP mobile surveillance ● Constant and variable bit rate (MPEG4 / H.264)



www.a-mtk.com

sales@a-mtk.com

TEL: +886-2-82269855 FAX: +886-2-82269800

Audio	
Audio Encoder	RTSP: G.711 64kbps, G.726 32kbps 3GPP: AMR
Audio Streaming	One-way or two-way audio
Audio Input	Line in
Audio Output	Line level out
Network	
Supported Protocols	TCP, UDP, HTTP, SMTP, FTP, NTP, DNS, DDNS, DHCP, ARP, Bonjour, UPnP, RTSP, RTP, RTCP, PPPoE, 3GPP, ICMP, Samba, HTTPS (by request), SIP (by request)
Security	Password protection, IP address filtering
Users	20 simultaneous unicast users Unlimited users using multicast
Ethernet	10/100M auto negotiation
System Integration	
API/ CGI	Open API for software integration
Alarm Triggers	Intelligent video motion detection and external input
Motion Detection	10-window video motion detection
Alarm Events	1) File upload via FTP or email 2) Notification via email, HTTP, and TCP 3) External output activation 4) Go to PTZ preset position, and go a tour 5) Audio alerting
Video Buffer	Pre- and post- alarm buffering
General	
Power Supply	12V DC external power adapter
Power Consumption	3 Watts below
Power over Ethernet	IEEE802.3af
Connectors	1) RJ-45 10BaseT/100BaseTX , DC jack 2) 1 alarm input and 1 output 3) Audio line in/out 4) Video in 5) RS485 6) SD card socket
O.P. Temperature	0°C ~ 40°C
Viewing System	
OS	Windows® 2000, XP, Vista, Windows 7



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Browser	IE 6.0 or latter / Firefox 2.0 or later / Safari
Cell Phone	With 3GPP player
Software	
Search & Installation	IPWizard 2 (EZ Installation utility)
Free Bundled NVR Program	SecuGuard 64CH Basic
64ch. SecuGuard Bundled (V.5)	<ul style="list-style-type: none">* 64ch. mult-channel supports Tri-decoder* 16ch. video playback (simultaneously)* Smart & scable digital zoom. Snapshot and edit* Motion, DI, Scheduler recording* Fast rewind and forward (MPEG4, H.264, MJPEG rewind)* 32x24 motion detection grids* Smart search (by motion)* Sequential search (frame by frame)* E-MAP* Event schedule setting* Remote server function: Remove live view / Remote playback / Remote setup* Multi-language support