

## 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, Multi-cast , Unicast, **Samba**
4. Power over Ethernet built in

Model No.	AM6221
<b>Video</b>	
Video Encoder	H.264, MPEG4 and Motion JPEG simultaneously (Tri-encoders)
Video Input	1ch. Composite. CVBS / 75Ω
Video Profile (Common)	9 profiles simultaneously 1) H.264: 4CIF / CIF / QCIF 2) MPEG4: 4CIF / CIF / QCIF 3) M-JPEG: 4CIF / CIF / QCIF
Frame Rate	Up to 30fps for all profiles
Image Setting	<ul style="list-style-type: none"> <li>● De-interlace (4CIF resolution)</li> <li>● De-noise</li> <li>● Text, time and date overlay</li> </ul>
Streaming	<ul style="list-style-type: none"> <li>● <b>Simultaneously multi-streaming</b></li> <li>● Streaming over UDP, TCP, or HTTP</li> <li>● Multicast streaming</li> <li>● M-JPEG streaming over HTTP</li> <li>● Supports 3GPP mobile surveillance</li> <li>● Constant and variable bit rate (MPEG4 / H.264)</li> </ul>
<b>Audio</b>	
Audio Encoder	RTSP: G.711 64kbps, G.726 32kbps 3GPP: AMR
Audio Streaming	One-way or two-way audio



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Audio Input	Line in
Audio Output	Line level out
<b>Network</b>	
Supported Protocols	TCP, UDP, HTTP, SMTP, FTP, NTP, DNS, DDNS, DHCP, ARP, Bonjour, UPnP, RTSP, RTP, RTCP, PPPoE, 3GPP, ICMP, <b>Samba</b>
Security	Password protection, IP address filtering
Users	<b>20 simultaneous unicast users</b> Unlimited users using multicast
Ethernet	10/100M auto negotiation
<b>System Integration</b>	
API/ CGI	Open API for software integration
Alarm Triggers	Intelligent video motion detection and external input
Motion Detection	<b>10-window video motion detection</b>
Alarm Events	<ol style="list-style-type: none"> <li>1) File upload via FTP or email</li> <li>2) Notification via email, HTTP, and TCP</li> <li>3) External output activation</li> <li>4) Go to PTZ preset position, and go a tour</li> <li>5) Audio alerting</li> </ol>
Video Buffer	Pre- and post- alarm buffering
<b>General</b>	
Power Supply	12V DC external power adapter
Power Consumption	3 Watts below
Power over Ethernet	IEEE802.3af
Connectors	<ol style="list-style-type: none"> <li>1) RJ-45 10BaseT/100BaseTX , DC jack</li> <li>2) 1 alarm input and 1 output</li> <li>3) Audio line in/out</li> <li>4) Video in</li> <li>5) RS485</li> <li>6) <b>SD card socket</b></li> </ol>
O.P. Temperature	0°C ~ 40°C
<b>Viewing System</b>	
OS	Windows® 2000, XP, Vista
Browser	IE 6.0 or latter / <b>Firefox 2.0 or later</b> / <b>Safari</b>
Cell Phone	With 3GPP player
<b>Software</b>	
Search & Installation	IPWizard 2 (EZ Installation utility)



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Free Bundled NVR Program	SecuGuard 64CH Basic
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