

KJ6221

H.264 video server (PoE)



Highlights

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

KJ6221 a group of Video Server offers real-time, high-resolution IP surveillance cameras for the best security.

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Specifications

General

- Power Supply: 12V DC external power adapter
- Power Consumption: 3 Watts below
- Power over Ethernet: IEEE802.3af
- Connectors
 - RJ-45 10BaseT/100BaseTX , DC jack
 - 1 alarm input and 1 output
 - Audio line in/out
 - Video in
 - RS485
 - SD card socket
- O.P. Temperature: 0°C ~ 40°C

Audio

- Audio Encoder : RTSP: G.711 64kbps, G.726 32kbps
3GPP: AMR
- Audio Streaming : One-way or two-way
- Audio Input : Line in
- Audio Output : Line level out

Viewing System

- OS : Windows® XP, Vista, Windows 7
- Browser IE 6.0 or latter / Firefox 2.0 or later / Safari
- Cell Phone With 3GPP player
- Video Player :VLC, Quick Time, Real Player
- No loss of throughput with any QoS profile

Software

- Search & Installation : IPWizard-2
- Bundled NVR Program
 - 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
 - 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

System Integration

- Application Programming Interface
 - Open API for software integration SDK
- Alarm Triggers : Intelligent video motion detection and external input
- Motion Detection: 10-zone video motion detection
- Alarm Events
 - File upload via FTP or email
 - File store to Mini SD card
 - Notification via email, HTTP, and TCP
 - External output activation
 - Go to PTZ preset position
 - Audio alerting output
- Video Buffer
 - Pre- alarm buffering
 - Post- alarm buffering

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Video

- Video Encoder : H.264, MPEG4 & Motion JPEG simultaneously (Tri-encoders)
- Video Profile :
 - 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
 - De-interlace (4CIF resolution)
 - De-noise
 - Text, time and date overlay
- Streaming
 - Simultaneously multi-profile streaming
 - Streaming over UDP, TCP, or HTTP
 - M-JPEG streaming over HTTP
 - Supports 3GPP mobile surveillance
 - Controllable frame rate and bandwidth

Network

- Supported Protocols
 - TCP, UDP, HTTP, SMTP, FTP, NTP, DNS, DDNS, DHCP, ARP, Bonjour, UPnP, RTSP, RTP, RTCP, PPPoE, 3GPP, ICMP, IGMP, SAMBA, HTTPS (by request), SIP (by request)
- Security : Password protection, IP address filtering, user access log
- Users
 - 20 simultaneous unicast users
 - Unlimited users using multicast
- Ethernet : 10/100M auto negotiation