



## **AC3200**

### **Full D1 Network Video Server**

#### **Introduction:**

AC3200 video server is specially designed for high requirements of surveillance and monitoring application. With PCB inside, the system is highly integrated for small size. This video server can be connected with other surveillance equipment (cameras) by fiber or other IP network cable. The advanced compression mode of H.264 ensures real-time video with 4CIF (D1) format. By full-duplex working mode, the equipment can transmit data by RS232 and RS485 serial port. The whole system includes an encoder and a decoder. By the encoder, users can record the video from the USB interface. The inside firmware can be upgraded for long-term investment protection.

#### **Main Features:**

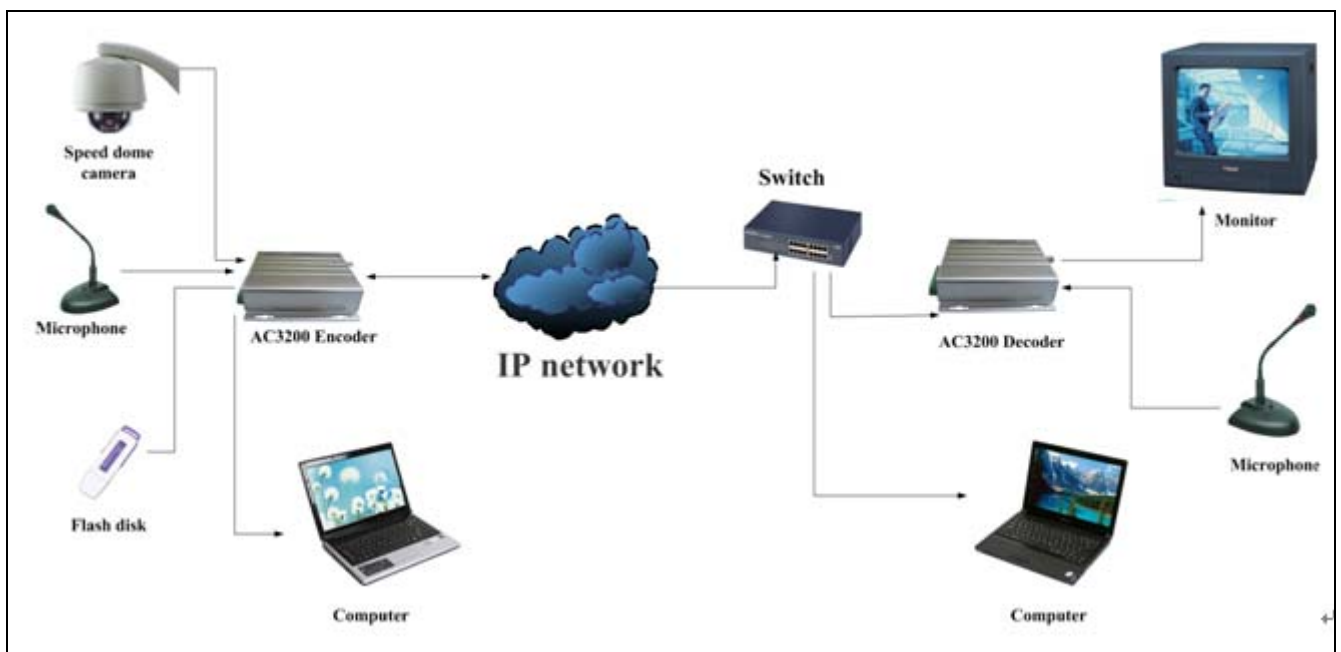
- High-compression ratio, low-flow code, and based on the best H.264 compression mode.
- High-resolution, QCIF ~ D1 adjustable, can achieve 30 frames / second (fps)  
video streaming transmission of the D1.
- Video input Digital filter processing, digital noise reduction processing.
- Upgrade the Firmware through the network (including the core video coding).
- Transfer Protocol user-selectable, can support the UDP / TCP / multicast and other Protocols.
- Built-in RS-422/485 serial ports, support for remote control of PTZ, and with other RS-422/485 based system integration, such as the engine room environment monitoring system.
- 3 independent alarm input, an alarm output
- OSD front of the display can show real-time, code stream, as well as the text.
- JPEG picture front-end snap.

- RTC built-in real-time clock, to ensure accuracy in long time.
- Two-way stereo audio interface, microphone and line input support, support for headphones and linear output.
- Audio and video loop-through features.
- USB device-side record features.
- Support IE browser to see the video directly.

## System Application:

The AC3200 video server can be configured easily by our software: Alltech KDVR, Kconfigurator. The system has been widely used in many applications: Bank Monitoring, Railway, Police Forces, Port Security, Traffic Management etc.

## System connection:



## System Specification:

<b>Power Input</b>	
Working voltage	DC12V±0.5V
Working current	≤0.7A@DC12V
<b>Video Input(Encoder)</b>	
Connector	Standard BNC

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## AC3200Full-D1 Video Server

Video input level	1Vp-p@75Ω, PAL/NTSC
Video format	QCIF, CIF, 2CIF, 4CIF (optional)
<b>Video Output (Decoder)</b>	
Connector	Standard BNC
Video output level	1Vp-p@75Ω, PAL
K coefficient	≤3%
S/N rate	≥50 dB
<b>Audio input/output</b>	
Audio input	-46~-3dBV 30kΩ
Audio output	-46~-3dBV 16Ω
Audio sampling	8KHz
Audio data format	ADPCM, G.711 A/U, G.726, AMR, AAC
Audio gain	0-31, default: 25
<b>Alarm</b>	
Connector	12-line input/output connector
Alarm	3 alarm input, 1 alarm output
<b>Others</b>	
Baud rate	1200,2400,4800,9600,19200,38400,57600bps
Alarm interface protection	<AC60V or <DC85V
Network interface	10/100Base-T(RJ45)
<b>Models</b>	
AC3200-T	1-CH Full D1 video encoder
AC3200-R	1-CH Full D1 video decoder
AC3200-T4	4-CH Full D1 video encoder(1U rack)
AC3200-R4	4-CH Full D1 video decoder(1U rack)