



VC-H264SD Standard Definition Video Encoder/Decoder

VC-H264SD

The VC-H264SD is a high performance server system that transmits standard definition video & audio in real time.

The VC-H264SD supports standard resolution video from any PAL or NTSC camera. The VC-H264SD is implemented using H.264 and MJPEG compression technology over IP Networks such as HauteSpot TDMA wireless and provides the optimal video transmission quality using highly effective video compression features.

H.264 provides more than 50% increased compression capacity, under the same conditions, allowing for more video in the same bandwidth.



Applications

- **Live video streaming for events**
- **Production monitoring for broadcast**
- **Building to building links**
- **Use broadcast quality cameras to stream over the Internet**
- **High resolution surveillance**
- **Electronic Signage**
- **Military applications such as bomb target scoring**

Functions

- **Serial Digital Interface input from broadcast cameras**
- **Digital Video Encoding and Decoding using MPEG4 Part 10 AVC H.264 standard**
- **Streams over HauteSpot Wireless Routers in point to point or point to multipoint configurations**
- **Simple to configure web user interface**
- **Composite output for attachment to standard Monitors**
- **Out of band audio for communications**

Features

- **High quality of compression algorithm (H.264/MJPEG)**
- **Encoder/Decoder selectable**
- **Full-duplex audio/video transmission**
- **Up to SD resolution (720 x 576) at 30fps**
- **Protocols : TCP/IP, Multicast, HTTP, SMTP, SNMP, FTP, DHCP, DNS, Dynamic DNS , RTP, RTSP**
- **1:N Multi-casting and relayed data transmission**
- **Real time monitoring, recording, playback through CMS viewer S/W and Internet Explorer**
- **1 Composite port supported**
- **Dynamic IP support with Dynamic DNS**
- **Power over Ethernet(PoE) support**

Contact Us

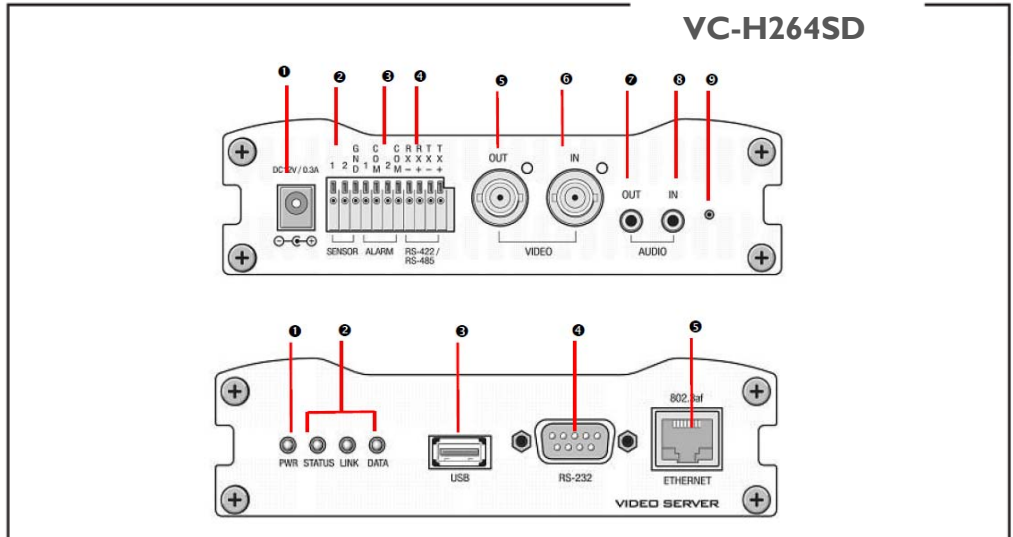
Call toll-free: +1 (800) 541-5589

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Web: www.hautespot.net

Specifications

System Mode	Encoder, Decoder
Network Interface	Ethernet 10/100Base-T (RJ-45)
Network Protocol	TCP/IP, UDP, Multicast, DHCP, SMTP, HTTP, SNMP, RTP, RTSP
Video Standards	Main Stream: H.264 / Secondary Stream: H.264
Data Rate	32Kbps ~ 8Mbps
Resolution	720x756 ~ 352x240/30fps,
Frame Rate Range	1 ~ 30fps
Frame Rate Range	NTSC : 0.2 ~ 30fps / PAL : 0.2 ~ 25fps
Input I	1 x BNC, Composite
Output I	1 x BNC, Composite or SD/HD-SDI
Motion Detection	Sensitivity Adjustment
Audio Standards	AAC Advanced Audio Codec
Sample Rate	Up to 128KHz
Input	1 x Line-In (3.5mm Mini-Stereo, Single Mono)
Output	1 x Line-Out (3.5mm Mini-Stereo, Single Mono)



- Includes RS-485 port and RS-232 ports for Pan Tilt Zoom Control
- External sensor port and alarm port
- Low power consumption
- Compact Size
- USB port for storage
- Video Server Manager software for Windows PC included
- Power Supply for 90-240VAC included
- 12VDC Native Power
- Attractive Aluminum Enclosure

Ordering Information:
VC-H264SD Video Encoder/Decoder