

H.264 Video Server (Encoder/Decoder/Duplex)



TCS-200 is the high performance server system that transmits the high definition video & audio in real time.

Since TCS-200 is implemented by H.264 compression technology over the IP Network such as ADSL, VPN, it provides the optimal video transmission quality with highly effective video compression features and more increased adaptability to the existing networks.

H.264 provide more than 50% increased compression capacity, under the same conditions. Therefore, they allow you to transmit the high resolution video data, even with a lower bandwidth.

Features

- High quality H.264 Algorithm
- Encoder/Decoder/Duplex selectable
- Full-duplex audio/video transmission
- 30fps/25fps @ full D1 resolution
- 1:N Multi-casting and relayed data transmission
- Real time monitoring/recording/playback through CMS viewer S/W and Internet Explorer
- De-Interlaced Video at 30fps
- Dynamic IP support with Dynamic DNS
- Power over Ethernet(PoE) support
- Data storage against network failure or event (USB2.0)
- Watchdog for system recovery
- Support for PTZ and Controller
- Motion detection

TCS-200 Specifications

Specification & Design are subject to change without prior notice.

Section		Specification
System	System Mode	Encoder, Decoder, Duplex
Network	Network Interface	Ethernet 10/100Base-T (RJ-45)
	Network Protocol	TCP/IP, UDP, Multicast, DHCP, SMTP, HTTP, SNMP, RTP, RTSP
Video	Standards	H.264 compression algorithm
	Data Rate	32Kbps ~ 4Mbps
	Resolution	NTSC : 720x480, 720x240, 352x480, 352x240 PAL : 720x576, 720x288, 352x576, 352x288
	Max Frame Rate	NTSC : Max 30fps / PAL : Max 25fps
	Frame Rate Range	NTSC : 0.2 ~ 30fps / PAL : 0.2 ~ 25fps
	Input	1 x Composite (1 Vpp 75 Ohm, BNC)
	Output	1 x Composite (1 Vpp 75 Ohm, BNC)
	Motion Detection	Sensitivity Adjustment
Audio	Standards	G.711
	Sample Rate	8KHz
	Data Rate	64Kbps
	Input	1 x Line-In (Mini-stereo, Single Mono)
	Output	1 x Line-Out (Mini-stereo, Single Mono)
Serial	Port1	1 x RS-232 (D-Sub 9Pin)
	Port2	1 x RS-422/485 (Terminal Block)
	Data Rate	2,400bps ~ 115,200bps
Sensor/Alarm/etc	Sensor Input	2 x NO Contact (Terminal Block)
	Alarm Output	2 x NO Contact (Terminal Block)
	Beep	1 x Buzzer 88dB Min
	Reset Button	1 x Factory Reset Button
User Interface	System Status	4 x LED
Storage	Recording/Backup	1 x USB 2.0 Port
Software	True CMS/Web Viewer	Live Monitoring, Recording, Search & Playback, Backup
Physical	Dimension	134(W) X 125(D) X 35(H)mm
	Weight	464g
	Power Source	DC 12V/0.5A, PoE(Power over Ethernet): 802.3af
	Power Consumption	Max 6W
	Operating Temp.	-10°C ~ 50°C / 14°F ~ 122°F