

HD Video Server (Encoder/Decoder)



TCS-2000 is the high performance server system that transmits the high definition video & audio in real time.

TCS-2000 supports not only SD but HD resolution that support megapixel camera. TCS-2000 is implemented by H.264 and MJPEG compression technology over the IP Network such as ADSL, VPN, they provide the optimal video transmission quality with their highly effective video compression features and more increased adaptability to the existing networks.

H.264 provides 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 of compression algorithm (H.264/MJPEG)
- Encoder/Decoder selectable
- Full-duplex audio/video transmission
- Up to HD resolution (1928 x 1080) 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
- 2 HDMI port support
- HD-SDI support (Optional)
- 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-2000 Specifications

Specification & Design are subject to change without prior notice.

Section		Specification
System	System Mode	Encoder, Decoder
Network	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	1920x1080/60i ~ 352x240/30fps, 18 resolution step
	Frame Rate Range	1 ~ 30fps
	Input 1	1 x HDMI tpye A, HDMI RX
	Input 2	1 x BNC, Composite or HD-SDI (Option)
	Output 1	1 x HDMI type A, HDMI TX
	Output 2	1 x BNC, Composite or HD-SDI (Option)
	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	Port 1	1 x RS-232 (Terminal Block)
	Port 2	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	LED
Storage	Recording/Backup	1 x USB 2.0 Port
Software	True CMS	Live Monitoring, Recording, Search & Playback, Backup
Physical	Dimension	134(W) X 125(D) X 35(H)mm
	Weight	504g
	Power Source	DC 12V/0.8A, PoE(Power over Ethernet): 802.3af
	Power Consumption	Max 9.6W
	Operating Temp.	-10°C ~ 50°C / 14°F ~ 122°F