

**TCS-300
(Dual Streaming)**

H.264 Video Server (Encoder/Decoder)



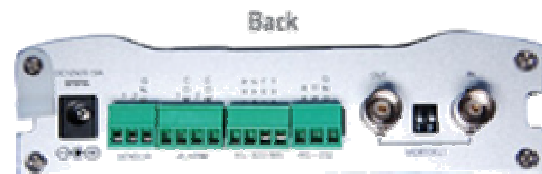
TCS-300 is the high performance server system that transmits the high definition video & audio in real time.

Since TCS-300 is implemented by dual compression which is H.264/H.264 & H.264/MJPEG on the network such as ADSL, VPN, it is more flexible on the network environment. TCS-300 provides the optimal video transmission quality with its highly effective video compression 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 of compression algorithm (H.264/MJPEG)
- Encoder/Decoder selectable
- Full-duplex audio/video transmission
- 30fps/25fps @ full D1 resolution
- 1:N Multi-casting and relayed data transmission
- Protocols : TCP/IP, Multicast, HTTP, SMTP, SNMP, FTP, DHCP, DNS, Dynamic DNS , RTP, RTSP
- Real time monitoring/recording/playback through CMS viewer S/W and Internet Explorer
- 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-300 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	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	1 x Composite (1 Vpp 75 Ohm, BNC)
	Output 2	1 x HDMI (Type-A), HDMI TX
	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 (Terminal Block)
	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	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	472g
	Power Source	DC 12V/0.6A, PoE(Power over Ethernet): 802.3af
	Power Consumption	Max 7.2W
	Operating Temp.	-10°C ~ 50°C / 14°F ~ 122°F