TCS-3000

1080p60 Full HD Encoder

60FPS@1920 x 1080 · RTSP/RTMP/MPEG-TS · USB Recording

Leap Forward in Imaging! To maximize video quality over network, TCS-3000 supports BP, MP and HP H.264 encoding. TCS-3000 can stream the most smooth video and high quality of video contents with 1080p60 resolution based on the most efficient H.264 compression.

RTSP/RTMP, Multicast and MPEG-TS could bring you many efficient ways to use for your application such as CDN, end to end solution. Also various encoding mode, VBR, CBR and Hybrid CBR could save your cost for network and storage.

TCS-3000 supports also video loop out without any delay from HDMI, SDI and composite to the monitor. This is very helpful for applications such as operating room in hospital, broadcast, sports events.

With various input such as HDMI, 3G-SDI and Composite and over 50 types of input format from SD to 2048p30, user can apply TCS-3000 with wide range of video source.

Key Features

- 60FPS @ 1920 x 1080

- 50 Types of Input Formats

- RTSP/RTMP/MPEG-TS Supported

- Quadruple Streaming

- Embedded Audio

- Dual Power (DC/PoE)

- ONVIF, PSIA Compliant

Specifications

Dimensions

SYSTEM		
	System Mode	Encoder

VIDEO		
	Compression	H.264 BP, HP, MJPEG
	Input Format	51 Types of input format from NTSC/PAL to 2048 x 2048p30
	Bitrate	Primary: 32Kbps ~ 16Mbps, Secondary: 32Kbps ~ 4Mbps
	Resolution	320 x 240 ~ 1920 x 1080
	Streaming	Primary : H.264, Secondary x 3 : H.264/MJPEG
	Burn-in OSD	Multi-lingual
	Input	1 x HDMI (Type A) 1 x Composite (BNC) 1 x 3G-SDI (BNC)
	Output	1 x HDMI type A, Input Bypass 1 x Composite (BNC), Input Bypass 1 x 3G-SDI (BNC), Input Bypass

AUDIO		
	Compression	G.711 / AAC
	Sample rate	G.711: 8KHz, AAC: 32/44.1/48KHz
	Bitrate	G.711: 64Kbps, AAC: 64Kbps/128Kbps
	Streaming	Full duplex
	Input	1 x Line-In (stereo, mini-stereo type)
	Output	1 x Line-Out (stereo, mini-stereo type)

NETWORK		
	Interface	Ethernet 10/100/1000base-T (RJ-45)
	Protocol	IPv4/v6, TCP, UDP, IGMP(Multicast), ICMP, DHCP, HTTP, HTTPS, RTP, RTSP, RTMP, FTP, SNMP, SMTP, UPnP, WS-Discovery, Zero, Configuration, NTP, DDNS
	Security	Password protection, IP address filtering, HTTPS encryption
	Application Programming Interface	Truen protocol/SDK, ONVIF, PSIA, MPEG-TS

EVENT / ALARM		
	Event sources	Motion, Sensor input, Video loss, Client disconnection
	Event actions	Notification(E-mail), FTP, PTZ preset, Alarm control, Recording

GENERAL		
	Housing	Aluminum
	Certifications	CE, FCC, KCC, RoHS
	External devices	2 x Sensor-In (dry contact, NO/NC) 2 x Alarm-Out (dry contact, NO) 1 x RS-232 port 1 x RS-422/485 port 1 x Buzzer (88dB min)
	Edge storage	1 x USB 2.0 port
	Power Supply	Min DC12V/1.0A, PoE(Power over Ethernet): 802.3af
	Power Consumption	DC12V/PoE : Max 9.6W
	Operating Temp.	-10°C ~ 50°C (14°F ~ 122°F) / 20% ~ 80% RH
	Dimension	134.08(W) X 125.5(D) X 36.87(H)mm
	Weight	470g