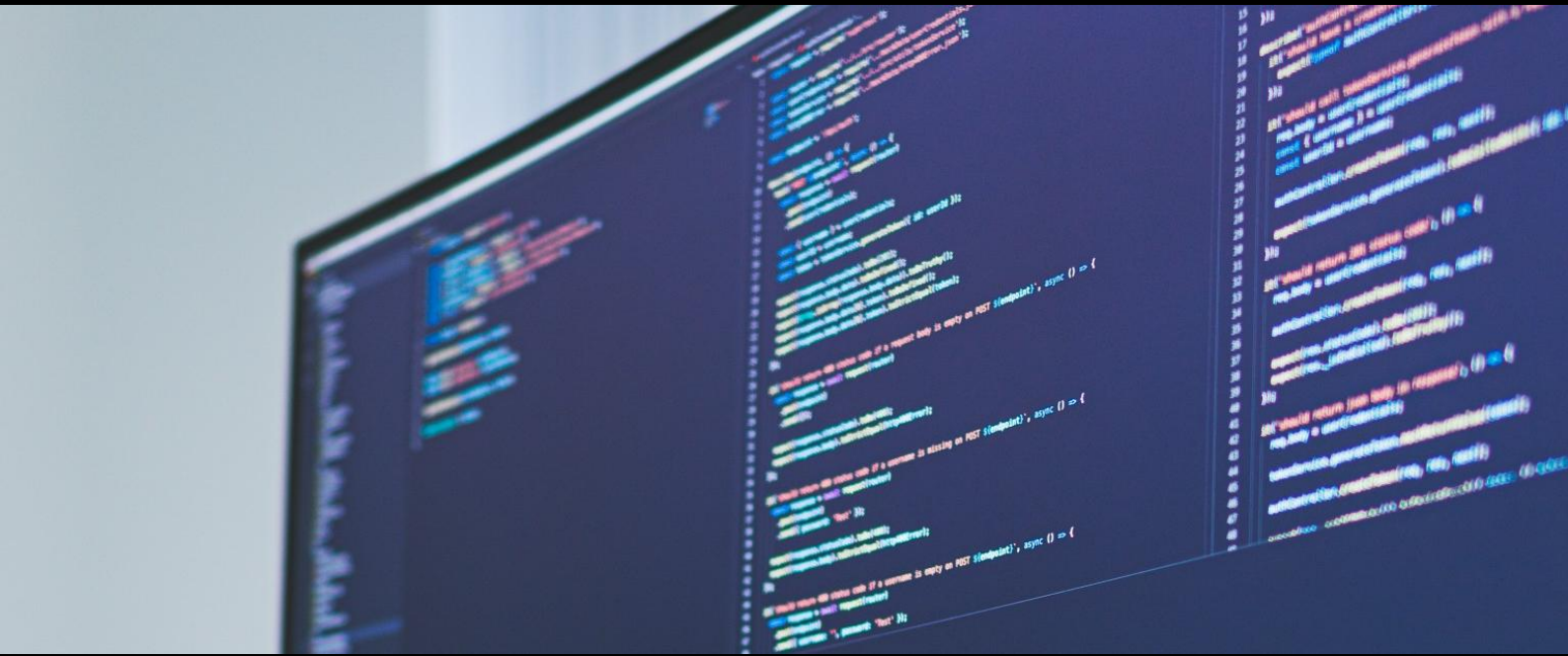


TRUEN DATASHEET

VIDEO SERVER

- 1 . TCS-8500 3
- 2. TCS-3000 5
- 3. TCS-1500 7

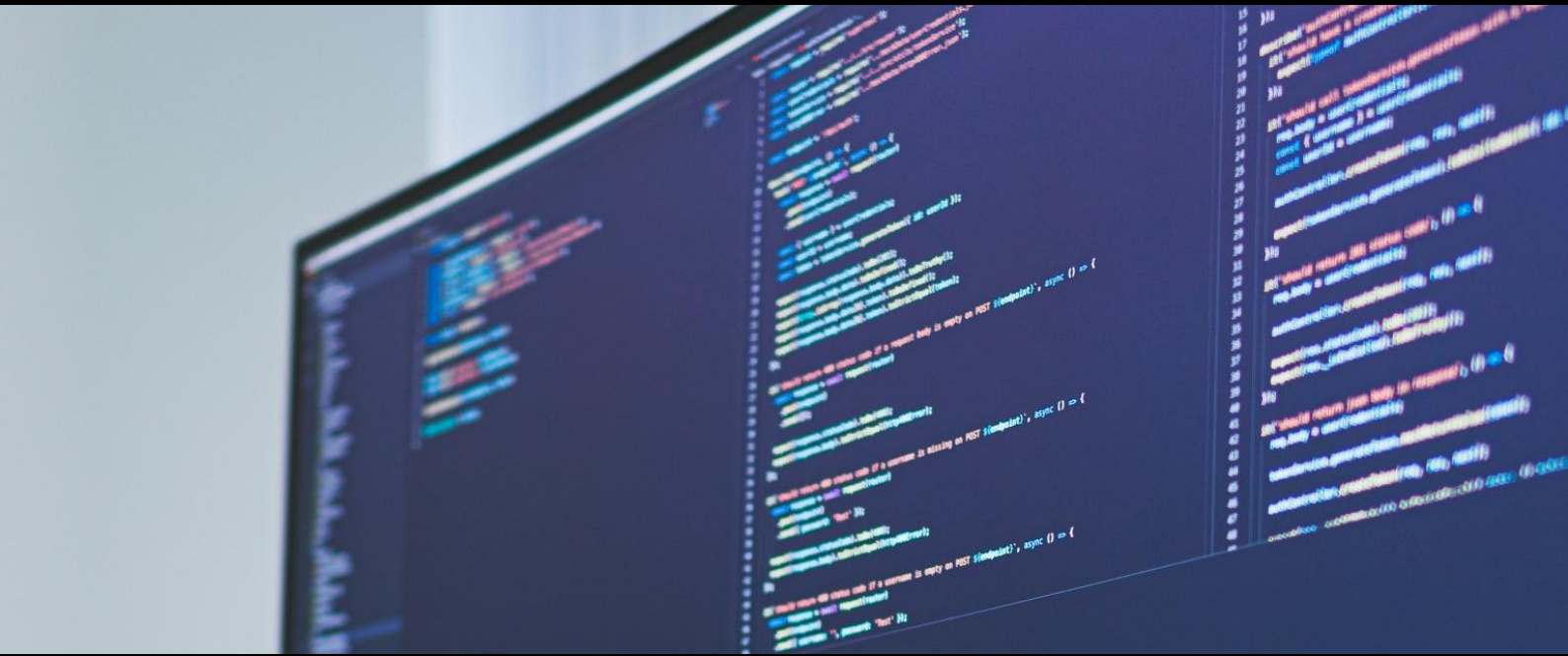


TCS-8500

- H.265 / H.264 / MJPEG
- Max 60FPS @ 3840 x 2160
- HDMI I/O
- SRT (Secure Reliable Transport)
- RTSP/RTP/RTMP/MPEG-TS
- ONVIF (Profile S, Profile G)
- Embedded Audio
- USB recording
- Dual Power (DC/PoE)



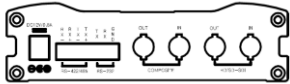
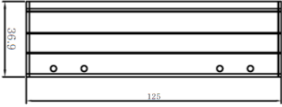
SYSTEM	Encoder / Decoder		DIMENSION
			(mm)
Video			 
Compression	H.265, H.264, MJPEG		
Bitrate	Primary : 32Kbps ~ 16Mbps, Secondary : 32Kbps ~ 4Mbps		
Framerate	Max 60fps @3840x2160		
Resolution	320x240 ~ 3840x2160		
Streaming	Quad Streaming - Primary : H.265, H.264, Secondary x 3 : H.265/H.264/MJPEG		
Burn-in OSD	Multi-lingual		
Input	1 x HDMI (Type A, 2.0), HDMI RX		
Output	1 x HDMI (Type A, 2.0), HDMI RX		
Audio			
Compression	G.711 / AAC(Optional)		
Sampling rate	G.711 : 8 KHz, AAC(Optional): 32 kHz / 44.1 kHz / 48 kHz		
Bitrate	G.711 : 64Kbps, AAC(Optional): 64Kbps/128Kbps		
Streaming	G.711 : Full-duplex, AAC(Optional): Full-duplex		
Input	1 x Line-In(Mini-Stereo) or HDMI(Stereo)		
Output	1 x Line-Out (Mini-Stereo) or HDMI(Input Bypass)		
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, ONVIF, PSIA, MPEG-TS, SRT (Secure Reliable Transport)		
Security	Password protection, IP address filtering, HTTPS encryption		
API	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)		
Power Supply	Min DC12V/2.0A, PoE(Power over Ethernet): 802.3af		
Power Consumption	DC12V/PoE : Max 6.5W		
Operating Temperature	-10°C ~ 50°C (14°F ~ 122°F)		
Storage Temperature	-10°C ~ 50°C (14°F ~ 122°F)		
Operating Humidity	20% ~ 80% RH		
Storage Humidity	20% ~ 80% RH		
Edge Storage	1 x USB 3.0port		
Dimensions (W x H x D)	134.08(W) X 125(D) X 36.87(H)mm		
Weight	459.4g		

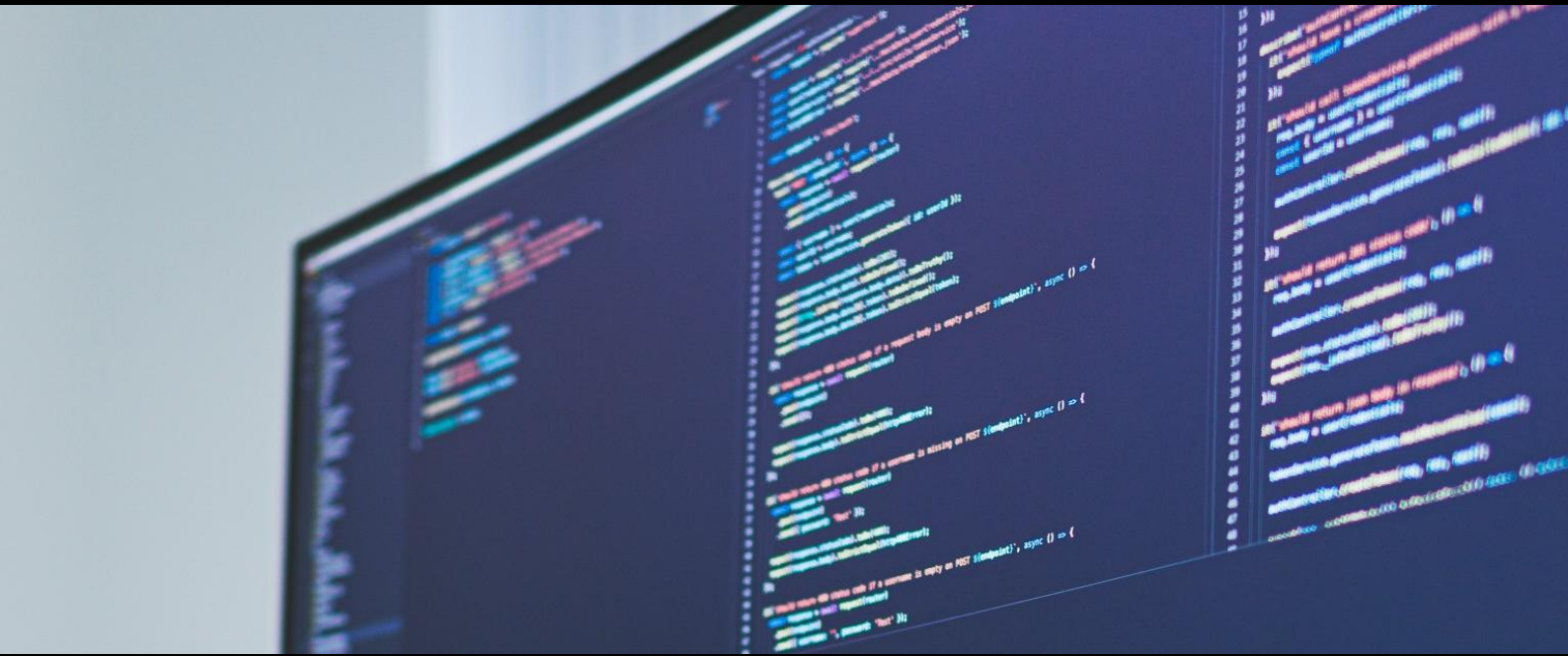


TCS-3000

- H.264 / MJPEG
- Max 60FPS @ 1920 x 1080
- HDMI / 3G-SDI / Composite I/O
- SRT (Secure Reliable Transport)
- RTSP/RTMP/MPEG-TS
- ONVIF (Profile S, Profile G)
- Embedded Audio
- Hybrid CBR
- Dual Power (DC/PoE)



SYSTEM	Encoder	DIMENSION
		(mm)
		
		
		
		
Video		
Compression	H.264, MJPEG	
Bitrate	Primary : 32Kbps ~ 16Mbps, Secondary : 32Kbps ~ 4Mbps	
Resolution	320x240 ~ 1920x1080	
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	
Sampling rate	G.711 : 8 KHz, AAC : 32 kHz / 44.1 kHz / 48 kHz	
Bitrate	G.711 : 64Kbps, AAC: 64Kbps/128Kbps	
Streaming	G.711 : Full-duplex, AAC : 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, ONVIF, PSIA, MPEG-TS, SRT (Secure Reliable Transport)	
Security	Password protection, IP address filtering, HTTPS encryption	
API	Truen protocol/SDK	
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)	
Power Supply	Min DC12V/1.0A, PoE(Power over Ethernet): 802.3af	
Power Consumption	DC12V/PoE : Max 9.6W	
Operating Temperature	-10°C ~ 50°C (14°F ~ 122°F)	
Storage Temperature	-10°C ~ 50°C (14°F ~ 122°F)	
Operating Humidity	20% ~ 80% RH	
Storage Humidity	20% ~ 80% RH	
Edge Storage	1 x USB 2.0 port	
Dimensions (W x H x D)	134.08(W) X 125(D) X 33(H)mm	
Weight	470g	



TCS-1500

- H.264 / MJPEG
- Max 60FPS @ 1920 x 1080
- HDMI / 3G-SDI / Composite Output
- SRT (Secure Reliable Transport)
- RTSP/RTP/RTMP
- ONVIF (Profile S, Profile G)
- Embedded Audio
- USB recording
- Dual Power (DC/PoE)



SYSTEM	Decoder
Video	
Compression	H.264, MJPEG
Bitrate	Primary : 32Kbps ~ 16Mbps, Secondary : 32Kbps ~ 4Mbps
Framerate	Max 60fps @1920*1080
Resolution	320x240 ~ 1920x1080
Streaming	Quad Streaming - Primary : H.264, Secondary x 3 : H.264/MJPEG
Burn-in OSD	Multi-lingual
Output	1 x HDMI (Type A) 1 x Composite (BNC) 1 x 3G-SDI (BNC)
Audio	
Compression	G.711 / AAC(Optional)
Sampling rate	G.711 : 8 KHz, AAC(Optional): 32 kHz / 44.1 kHz / 48 kHz
Bitrate	G.711 : 64Kbps, AAC(Optional): 64Kbps/128Kbps
Streaming	G.711 : Full-duplex, AAC(Optional): Full-duplex
Input	1 x Line-In (stereo, mini-stereo type)
Output	1 x Line-Out (stereo, mini-stereo type) / Embedded Audio
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, ONVIF, PSIA, MPEG-TS, SRT (Secure Reliable Transport)
Security	Password protection, IP address filtering, HTTPS encryption
API	Truen protocol/SDK
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 Alarm-Out (Dry contact, NO) 1 x RS-232 port 1 x RS-422/485 port 1 x Buzzer (88dB min)
Power Supply	Min DC12V/1.0A, PoE(Power over Ethernet): 802.3af
Power Consumption	DC12V/PoE : Max 680mA
Operating Temperature	-10°C ~ 50°C (14°F ~ 122°F)
Storage Temperature	-10°C ~ 50°C (14°F ~ 122°F)
Operating Humidity	20% ~ 80% RH
Storage Humidity	20% ~ 80% RH
Edge Storage	1 x USB 2.0 port
Dimensions (W x H x D)	134.08(W) X 125(D) X 33(H)mm
Weight	470g

DIMENSION (mm)

