HTI-ST520
Detachable Full-HD Video Conferencing Endpoint

· H.265 video compression/4K resolution/1080P@60fps dual stream.

· OPUS audio codec, 48KHz sample frequence.

· Supports USB connection. to omnidirectional mic.

· In the event of a 30% packet loss, the conference audio and video
  is unaffected.

· Multiple video and audio interfaces including HDMI, VGA, 3G-SDI,
  HDCVI.Supports infrared remote control/wireless mouse/keyboard,
  etc.

Product overview

The TS52A0 is detachable full-HD video conferancing endpoint, which supports dual stream 1080P video and OPUS audio, providing life-like face-to-face communication experience.

Technical Specification

Video

Video Codec	H.265, H.264 HP, H.264 BP, H.263, H.263+
Video Resolution	Main Stream, 1080P, 720P, 4CIF, CIF Demo Stream, 1080P, UXGA, WXGA, SXGA, XGA, SVGA, VGA
Frame Rate	25fps, 30fps, 50fps, 60fps
Video Bitrate	64Kbps~10Mbps
Dual Stream	Dual 1080P@60fps

Audio

Audio Codec	OPUS, G711a, G711u, G722, MP3 G722_1c, AAC_LC, G719, G722.1, G728, G729
Audio Sample Rate	8KHz–48KHz
Audio Bitrate	8Kbps ~ 256Kbps
Audio Processing	AEC (Acoustic Echo Cancellation) , AGC (Automatic Gain Control) , ANS (Automatic Noise Suppression), Self-Adaptive Post-filtering, Audio Error Correction and Lip Sync

Communicaton

Communicaton Protocols	ITU-T H.323, IETF SIP

Dual Stream Protocols	H.239, BFCP
Transmission Protocols	IPv6/IPv4, TCP/IP, FTP/FTPS, RTP, RTCP, HTTP/HTTPS, SNMP, SSH, DNS, NTP, PPPoE, DHCP, SRTP, TLS
other Protocols	H.221, H.225, H.235, H241, H.245, H.281, H.460

Network

Network Packet LossTolerance	In the event of a 30% packet loss, the conference audio and video is unaffected
Network Delay Tolerance	Normal conference processing for up to 800ms delay
other Features	Audio priority/Packet retransmission/Intelligent speed control/error correction

Security

Physical environment	Adopts reliable designs (environment/safety/EMC/thermal) to ensures the system runs stably for a long time
Network transmission	Support H.235/SRTP/TLS/AES 128/AES 256 encryptions, etc. Support conference access password/SSH/HTTP/WEB administrator password

Video Interfaces

Video Inputs	2 × HDMI, 1 × 3G–SDI, 1×CVBS, 1 × HDCVI, 1 × HDMI/DVI/VGA/YPbPr
Video outputs	2 × HDMI, 1 × 3G–SDI, 1 × HDCVI, 1 × HDMI/DVI/VGA/CVBS/S–Video

Audio Interfaces

Audio Inputs	2 ×XLR, 2 × RCA, 1 × 6.35mm, 1 × DH–AI, 1 × HDMI
Audio outputs	4×RCA, 1 × 6.35mm, 1×HDMI

Network Interfaces

Network	2 × RJ45 10/100/1000M self–adaptive network port

Other Interface

USB	1 × USB port

Control	2 × RS232/RS485
Remote control	Support IR remote control

Physical Features

Power Supply	12V DC
Power Consumption	≤60W
operating Conditions	Temperature: 0°C~45°C (+10°F~+113°F) Humidity: 10%~80% (working) 0%~95% (storage)
Dimensions (W × D × H)	435mm × 280mm × 66mm
Package Size (W × D × H)	573mm × 407mm × 173mm
Weight	Net Weight: 4.5kg (9.9lb) Gorss Weight: 6kg (13.2lb)