

# DH-VCS-TS52A0

## Detachable Full-HD Video Conferencing Endpoint



- H.265 video compression/4K resolution/1080P@60fps dual stream.
- OPUS audio codec, 48KHz sample frequency.
- 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 conferencing 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

#### Communication

Communication Protocols	ITU-T H.323, IETF SIP
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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
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#### Other Interface

USB	1 × USB port
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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) Gross Weight: 6kg (13.2lb)