CloudLink Bar 500-G Integrated Ultra HD Video Conference Terminal

■ Product Overview

The CloudLink Bar 500-G is a new generation of integrated intelligent conference terminal, equipped with binocular camera and professional conference sound, fashion design, suitable for small and medium-sized simple meeting room scene.

■ Technical Specifications

Complete System Components
Hd codec (built-in HD camera, speakers, array microphone), CloudLink Touch touchscreen, AirPresence Key (optional), cable and power supply

Communication Protocol	
Multimedia framework protocol	ITU-T H.323, IETF SIP
Video codec protocol	H.265, H.264 HP, H.264 BP, H.264 SVC, H.263
Audio codec protocol	G.711A, G.711U, G.722, G.722.1C*, G.729A, AAC-LD, OPUS
Dual-stream protocol	ITU-T H.239, BFCP
Other communication protocols	H.225, H.235, H.241, H.245, H.281, H.350, H.460, RFC2833, LDAP, LDAPS
Network Transport Protocol	CP/IP, RTP, RTCP, DHCP, DNS, SMTP, SNMP, SNTP, Telnet, SSH, HTTP, HTTPS, TR-069

Optionals	
Accessories	VPM220 microphone and AirPresence Key

Bandwidth	
IP	64Kbps to 8Mbps

Interface	
Audio input interface	Built-in array MAC 1×HD-AI (Level 2) 1×HDMI (audio input) 1×3.5mm
Audio output port	Built-in speaker 1×3.5mm 2×HDMI (audio output)
Video input port	1×built-in camera (dual 1080P tracking camera with 5x optical zoom) 1×HDMI (4K30) 1×VGA (1080P60)
Video output port	1×HDMI (4K60) 1×HDMI (4K30)
Other ports	1 × 10/100/1000Base-T 1 × RJ45 1×POE port 1 xUSB 2.0 Type-A 1 xUSB 2.0 Type-B 2.4G/5G dual-band Wi-Fi

Conference Experience Features	
Language	Simplified Chinese, English, French, German, Japanese, Spanish, Portuguese, Traditional Chinese, Russian
Featured Features	Chinese and English intelligent voice assistant Wi-Fi wireless access to AirPresence/AirPresence Key Built-in collaboration capabilities WEB control, calling party call set WEB image monitoring, high-definition picture snapshot 16:9 and 4:3 display mode adaptation and conversion Picture-in-picture: 1/16 picture size, position optional Support third party integrated development API interface

Security and Stability	
Network adaptability	Super Error Correction (SEC), Packet Loss Retransmission (ARQ), Video FEC (Forward error correction), Intelligent Speed Regulation (IRC), Audio Backward error correction (PLC)
Security Management	H.235 signaling and media stream encryption, AES encryption, TLS and SRTP meeting access and meeting control passwords, administrator passwords SSH/HTTPS, support for two-stream encryption
Firewall Traversal	H.460 Public-Private Network Traversal/Static NAT/STG

Maintenance Management	
Maintenance mode	Terminal NMS: Supports SNMP WEB security management: built-in Web server, graphical maintenance diagnosis Command line: Support Telnet/SSH Touch screen control
Maintenance functions	The front panel of the terminal displays the terminal ip and number Terminal automatic standby, sleep, wake up mechanism Event log recording, query display and export Support IP network diagnosis, factory Settings recovery Built-in loopback function: local self-loop Built-in sound, image test

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