CloudLink Bar 310-G Integrated Ultra HD Video Conference Terminal

■■ Product Overview

A new generation of core technology independent, integrated ultra HD video conference terminal equipped with HarmonyOS, built-in camera, array microphone, HD codec, using smart eye + full HD main lens "dual camera" design, optical zoom up to 12X, intelligent presentation of C-bit perspective, to provide users with 1080P HD experience, simple and intelligent control, Suitable for the rapid deployment of small and medium-sized conference rooms.

■■ Technical Specifications

Complete System Components
Hd codec (built-in HD camera, array microphone), remote control, Touch touchscreen (optional), cable and power supply

Communication Protocol	
Multimedia framework protocol	ITU-T H.323, IETF SIP
Video codec protocol	H.265, H.265 SVC, H.264 HP, H.264 BP, H.264 SVC, H.263, H.263+
Audio codec protocol	OPUS, AAC-LD, G.729A, G.722, G.722.1C, G.711U, G.711A
Auxiliary stream protocol	ITU-T H.239, IETF BFCP
Other communication protocols	H.225, H.235, H.241, H.245, H.350, H.460, RFC2833, LDAP
Network Transport Protocol	TCP/IP, RTP, RTCP, DHCP, DNS, SMTP, SNMP, SNTP, SSH, HTTP,
Wi-Fi standards	IEEE802.11a/b/g/n/ac, WPA, WPA2

Stable Security	
Network adaptability	IPV4 and IPV6, Super Strong Error correction (SEC), Packet loss Retransmission (ARQ), Video Forward error correction (FEC), Audio Backward Error Correction (PLC)
Security Management	Signaling H.235/TLS encryption, media SRTP encryption, support two-stream encryption meeting access password, meeting control password, administrator password support national secret (SM2, SM3, SM4) SIP/H323 call media stream support encryption algorithm AES256 physical privacy protection, support full HD main lens side turn, smart glasses head privacy protection cover
Interface	
Audio input interface	Built-in array microphone 1×3.5mm 1 × HD-AI 1 × HDMI (Audio) 1×Type-C (audio)
Audio output interface	1×3.5mm 1×HDMI (audio)
Video input port	1×built-in camera (1 channel 5X/12X smart C-bit view) 1×HDMI 1 × Type-C
Video output interface	2 × HDMI
Other ports	1 xUSB 3.0A port 1×RJ45 (10/100/1000M LAN) 1×RJ45 (connected to Touch) 1×Wi-Fi (built in)
Conferencing Capabilities	
Language	Simplified Chinese, English, French, Japanese, Spanish, Portuguese, Italian, Thai, Turkish, Bulgari
Bandwidth	64kbps to 8Mbps
Maintenance Management	
Maintenance methods	Terminal NMS: Supports SNMP and TR-069 protocols WEB security management: built-in Web server, graphical maintenance diagnosis
Maintenance function	Terminal automatic sleep, wake up mechanism Event logging, query display and export · Support factory Settings recovery Built-in loopback function: local self-loop · Built-in sound and image test
Physical characteristics	
Dimensions (length × width × height)	Terminal dimensions: 338mm*145mm*183mm Packing size: 575mm*325mm*270mm Net weight: 2.88Kg Gross weight: 6.52Kg
Electrical characteristics	Operating Voltage: 100V to 240VAC Working frequency: 50Hz-60Hz Maximum Power Consumption: 46W

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