



IKON 500

All-in-One Video Soundbar

Applications: Board room | Conference room



4K UHD
CAMERA



120°
FOV



SUPPORTS
H.323 & SIP



SUPPORTS
CLOUD VC



6 HD MIC ARRAY &
HI-FI SPEAKER



IKON 500

SPECIFICATION



Communication Protocol	
Protocol Supported	H.323, SIP
Video Codec Protocols	VP8, VP9, H.264, H.265
Audio Coding Protocol	G.711, G.722, G.722.1, G.722.1C, AAC-LC, AAC-LD, G.729, Silk, Opus
Dual-stream Protocol	H.239, BFCP
Other Communication Protocol	H.225, H.235, H.245, H.281, FECC, RFC2833, DTMF, SRTP, SNTP, TLS
Network Transport Protocol	IPv6/IPv4, TCP/IP, RTP, RTCP, HTTP /HTTPS, TELNET, SSH, DNS, DHCP, TR069
Audio / Video Features	
Built-in Camera	8 million pixels, 120° wide-angle, aperture F/1.8, 5x digital zoom
Image Resolution	HDMI input: maximum support 4K@60 Encoding resolution: maximum support 1080P@60 HDMI output 1: maximum support 4K@60 HDMI output 2: maximum support 4K@30
Other Image Properties	Active dual stream; H.264 1080P60 encoding, support 4K@60 H.264 H.265 decoding Support PIP, POP, single display, dual-screen same display/different display and other multi-screen modes
Audio Feature	Support BF, DOA, AEC, AGC, ANS, DER.
Meeting Experience Features	
AI Features	Support H.323/SIP video conferencing and cloud video conferencing modes can be switched Supports AI algorithms such as face detection, human body detection, intelligent broadcasting (frame selection of participants, gathering speakers, panoramic display), video face AE. Supports configuration as a peripheral device, which can be used as a USB camera for PC, and transmit high-quality audio and video to PC or other devices through UVC/UAC. The remote control supports air mouse operation, which solves the UI operation problem in cloud video conferencing.
Band Width	256Kbps-8Mbps

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SPECIFICATION



Security and Stability	
Network Adaptability	IPv4/IPv6 number call; Super error correction (SEC), lost packet retransmission (ARQ), video forward error correction (FEC), intelligent speed control (IRC), audio backward error correction (PLC.)
Network Security	Support H.235, SRTP, TLS, HTTPS and other encryption modes to ensure the safety and reliability of the conference system
Easy Maintenance	Use with the management platform The platform supports public cloud and privatization deployment, and can manage devices in batches Management operations such as configuration distribution and upgrade can be performed on individual/batch operation terminals The platform supports hierarchical user management and authority management
Operating Temperature	10°C ~ 45°C
Relative humidity	5% ~ 90% (non-condensing)
Hardware Interface Specifications	
Video Input Interface	1*HDMI, 1*Builtin 4K camera
Video Output Interface	1*HDMI OUT1, Support CEC, maximum resolution 4K@60 1*HDMI OUT2, Support CEC, maximum resolution 4K@30
Audio Input Interface	1*HDMI 1*V3.5mm Line IN 8MEMS Array Mic
Audio Output Interface	1*HDMI, 1*V3.5mm Line OUT Left and Right dual 10W speakers
Network Interface	1*10/100/1000M Network Port 1*PoE Network Port (can be connected to the conference control tablet)
Other Interface	1*USB2.0 OTG Typec 2*USB3.0 Host USBA 1*USB MIC Interface, Support USB Mic
Size	
Terminal Size (LxWxH)	720.4mm x 130.3mm x 139.6mm
Package Size (LxWxH)	790mm x 243mm x 180mm
Net weight	3.5kg
Gross weight	5.1kg
Electrical Characteristics	
Operating Voltage	DC 12V 2A
Working Frequency	50Hz ~ 60Hz
Min Power Consumption	20W

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