



All in One



COBOX X1

Datasheet

Videoconference Traditional

- H323/SIP H.264, H.264HP, H265 Support
- 1080P, 720P
- Dual Screen Display
- H239 Sharing

USB BYOD Application

- USB Connect
- 4K camera with eptz
- Crystal Audio
- HDMI Display

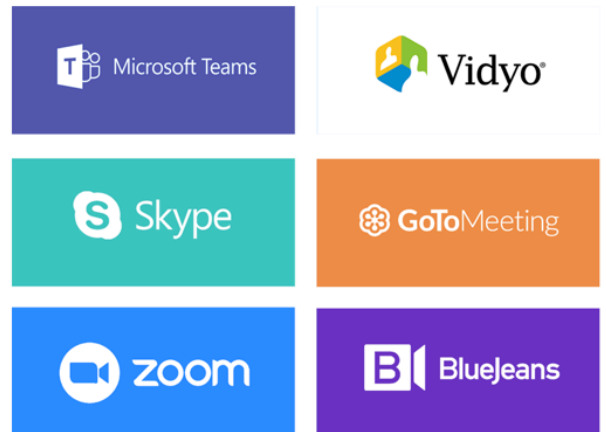
Cloud VC as a Service

- Easy to use
- Apps for Interoperability
- HDMI display
- Huddle&SmallConferenceRoom
- Mouse & Remote Control



The X1 is a new generation of all-in-one multi-function terminal supporting H323/SIP, H264HP and H265 encoding. It uses 4K camera and built-in crystal high-definition microphone to bring you an extraordinary ultra-HD conference experience; Wi-Fi/4G wireless interconnection solution, The rapid deployment and use of conference rooms is the best choice for small and personal video conference construction.

Build-in Apps Interoperability



Legacy Interoperability



Product Features

<p>Ultra HD image experience</p> <p>The first dual-Android chip and intelligent independent codec video image processing technology, support up to two H.265/1080P30 coding streams at the same time, providing users with unparalleled video quality, and saving of 50% bandwidth comparing to that of H264.</p>	<p>Crystal clear and clear voice</p> <p>The standard and perfect speech algorithm completely solves the interference of echo and noise, ensuring the smooth progress of the conference. Voice call, by speaking the venue/meeting name, you can directly join the conference.</p>
<p>Multiple communication access solutions</p> <p>Flexible and convenient network access solution, providing wired network, wireless network and 4G network (customized) access.</p>	<p>H239 document sharing</p> <p>Support HDMI or wireless shared access technology, HDMI power protection - to ensure local document presentation continues in the event of a power outage.</p>
<p>USB camera and microphone</p> <p>As a stand-alone USB camera and built-in microphone, used with other video UC applications.</p>	<p>Super network adaptability</p> <p>V-Link Super 20% anti-lost processing technology, intelligent dynamic rate adjustment technology, maintaining good conference quality</p>
<p>Multi-UC application platform support</p> <p>Users can choose the unified communication application according to their own needs. The standard UC pre-installed applications are 323/SIP, Skype for Business, Zoom, Vidyo (AE); a unified one-button switching operation mode.</p>	<p>4K HD camera</p> <p>Support 4x digital zoom and ePTZ function to capture images accurately.</p>
<p>Multiple encryption methods to protect your communication security</p> <p>X1 (323/SIP) provides device encryption or network encryption, H.235, SRTP, TLS, HTTPS and other security encryption measures to ensure safe and reliable conferences.</p>	<p>Other standard supporting features</p> <p>Support dual displays - dual HDMI output Multiple split screen modes: PIP or POP.</p>

Main Characteristic

Communication Protocol Video Protocol Audio Protocol	ITU-T H.323、 IETF SIP V2, ITU-T H.265、 H.264、 H.264 HP AAC-LC、 G.722.1、 G.722.1C、 G.711a/u、 G.722
Content Sharing	ITU-T H.239\ BFCP
Network Protocol	IPv4、 TCP/IP、 RTP、 RTCP、 HTTP/HTTPS、 TELNET、 SSH、 DNS、 DHCP
Other Protocols	H.225、 H.235、 H.245、 RFC2833、 SRTP、 SNTP、 T.140、 TLS
Bandwidth	64Kbps~6Mbps

Video Characteristic

Content Resolution	1080P
Content Frame Rate	5fps、 15 fps、 20 fps、 25 fps、 30 fps
Main Video Resolution	CIF、 4CIF、 720P、 1080P
Frame rate	15 fps、 20 fps、 25 fps、 30 fps
Layout	Signal Picture, PIP、 POP
Image Processing	Image Enhancement, Image dead point correction.

Audio Characteristic

4A Processor	AEC、 AGC、 ANS、 AFC
Build In Mic	3.5m Voice Pick Up.
Packet Lost Protection	V-Link Network error correction, 10% Packet Anti-lost
Security	H.235 , AES, TLS /SRTP 、 Conference Entering, SSH/HTTPS、 Content Sharing Code.

Interface Characteristic

Audio In	2x 3.5mm,1×HDMI, 1x USB, Build In Mic (3.5M Pick Up)
Audio Out	1x3.5mm,1×HDMI
Video In	Build In 4K Camera, 1×HDMI
Video Out	2×HDMI
Network	1×RJ45; Wi-Fi (2.4G/5G); 4G(Optional)
USB	2×USB2.0; 1xUSB3.0; 1×TYPE-C
External Mic (Option)	AM30

Function Characteristic

Banner and Subtitles	Support Banner and announce Subtitles during the conference.
USB Camera Function	Can be an USB camera and Mic independently to work with other Video Application

Maintenance Characteristic

WEB Management	Build In Web server、 Graphical Management and Maintenance interface, easy to use.
Build In Platform login	easy to software maintenance and upgrade, support IP diagnosis, log capture for far end, manufacture reset.
Audio and Video Loopback	detect your audio and video Function. IP Ping and Traceroute

Accessories



AM 30 - Digital interface microphone

Advanced audio pick-up technology, superior anti-interference and excellent sound pickup performance

120-degree 6-meter pickup, lossless broadband audio transmission

Plug and play support for CoBox , enhancing high-fidelity sound quality and experience for different venue and room environment