

HTI-XT600

UHD 4K video conferencing terminal

hitrolink



XT600 is a 4K codec box, it provides multi-channels 4K video stream and OPUS audio conference experience.



FEATURES SPOTLIGHT

Multi stream 4K video output/input, multi channels 4K@30fps conference

Support OPUS audio coding and decoding, 48KHz sampling frequency.

Strong network anti-package loss, support video and audio conference within 30% package lost.

Support HDMI, HDBaseT for different connection demand.

Support RCA, 6.35mm, 3.5mm, XLR.

Scenario

Middle, Large conference room, multi camera video input and audio demand.

SPECIFICATION

Video

Video coding	H.265, H.264 HP, H.264 BP, etc.
HD BASE-T (HDMI, HDBASE-T)	3840*2160 25/30fps, 1920*1080 25/30/50/60fps, 1280*720 25/30/50/60fps, XGA(1024*768) 60fps, WXGA(1280*800) 60fps, 1366*768 60fps, 1440*900 60fps, SXGA(1280*1024) 60fps, 1280*960 60fps, 1152*864 60fps, 1680*1050 60fps, 1400*1050 60fps, 1600*900 60fps, 1360*768 60fps, WXGA(1280*768) 60fps, SVGA(800*600) 60fps
Main stream (coding and decoding)	4K (30fps) , 1080P, 720P, 540P, 360P, 180P
Sub stream	HDMI input: VGA(640*480) 25/30/50/60/72/75/85fps, SVGA(800*600) 25/30/50/56/60/72/75/85fps, XGA(1024*768) 25/30/50/60/70/75/85fps, 1280*768 25/30/50/60/75/85fps, SXGA(1280*1024) 25/30/50/60/75/85fps, 720p 25/30/50/60fps, 1920*1080 25/30/50/60fps, 3840*2160 25/30fps
Resolution	4K (30fps) , 1080P, 720P, 540P, 360P, 180P
Video bandwidth	64Kbps~10Mbps
Dual stream	4K30fps (Main) + 4K30fps (Sub)

Audio

Audio protocol	OPUS, MPEG4 AAC-LD/LC, G.711, G.719, G.722, G.728, G.729, G.722.1C, MP3, ect.
Sampling rate	8KHz-48KHz
Audio processing	AEC, AGC, ANS, Lip sync

Communication protocol

Media stream	ITU-T H.323, IETF SIP
Dual stream protocol	H.239, BFCP
Network protocol	IPv6/IPv4, TCP/IP, DHCP, RTP, RTCP, Telnet, HTTP/HTTPS, SNMP, SSH, SNTp, DNS
Other protocol	H.225, H.235, H241, H.245, H.281, H.350, T.140

Bandwidth

Bandwidth	64Kbps~10Mbps
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Network

Network packet loss tolerance	35% Video and audio normally transmit 70% audio normally transmit
Adaptability	Packet loss retransmission, intelligent speed regulation, and ultra strong error correction0

Security

Physiscal adaptability	Perfect environment, safety regulations, EMC, and reliability design, as well as good thermal design, ensure long-term stable operation of the system
Network transmission safety	Support H.235 encryption for media streams and signaling in H323 networking, while also supporting TLS and SRTP encryption in SIP networking

Firewall

firwall traversal	H. 460 Public/Private Network Crossing/Static NAT
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Video interface

Input	Main stream : 2×HDMI 2.0 (4K30) , 2×HDBaseT (4K30) ; Sub stream: 1×HDMI (4K30) , 1xVGA
Ouput	2×HDMI 2.0 (4K30) , 1×HDMI, 1xDVI

Audio interface

Input	1×XLR, 1×3.5mm mic in/line in, 1× 6.35mm mic in/line in, 1×POE MIC in, 1×DH-AIAO (Support audio in and out) , 2×RCA, 1× HDMI (Support projection)
Output	1×XLR, 2×RCA, 1×6.35mm line out, 1×3.5mm line out, 1×HDMI (Support main stream audio output)
Others	Support 1×Projection audio in and 1×main stream audio in

Network

Network interface	2xRJ45 10/100/1000M self-adaptive
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Language

Language supported	English/Chinese
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Maintain

Method	Adb, Telnet/SSH command line, remote controller
Detection	Built-in sound detection and network ping
Logo	Logging, query display, and export

Display

Stay by	Supports automatic standby (standby time can be set), hibernation, and wake-up mechanisms
Output display	1screen single display, 2 screen dual display, 1 screen triple display, 2 screen dual display, 2 screen triple display, 3 screen triple display
Front OLED	Front OLED, Supports displaying model and version numbers

Other interfaces

USB	2×USB3.0, 1×USB2.0
Communication	1×Console, 2×RS232 COM□ (RJ45) , 1×POE (Support touch panel connection)
Others	1×switch key, 1×power supply
Reset	RST

Physical

Operation voltage	100~240V AC
Power consumption	80W MAX
Operation temperature	0°C~45°C
Operation humidity	10%~80% (on) 0%~95% (off)
Weight	8.3KG
Dimension(W×D×H)	440.8×369.1×64.0mm
Pakage(W×D×H)	582×496×173mm

Certification

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