

HTI-XT300

4K video conference terminal (light)

hitrolink



XT300 is a 4K codec box with light design, it provides multi-channels 4K video stream and OPUS audio conference experience.



FEATURES SPOTLIGHT

New minimalist design, lightweight and compact, flexible and easy to install and deploy

Deep Sky Blue Business Style, Aluminum Alloy Dual Color Oxidation Process

Support H.265 video coding and decoding, 4K@30fps dual-stream

Support HDMI, 3.5mm, 6.35mm, USB, etc. audio and video interfaces

Support SM4 encryption, high conference security

General 4K terminal standard, high USB camera compatibility

Scenario

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

SPECIFICATION

Video

Video coding and decoding	H.265, H.264 HP, H.264 BP, etc.
Main stream	4K (3840*2160)@30/25fps, 1080p@30/25fps, 720p@30/25fps, 4CIF30/25fps, CIF30/25fps
Sub stream	4K (3840*2160)@30/25fps, 1080p@30/25fps, 720p@30/25fps, 4CIF30/25fps (1080P, UXGA, WXGA, SXGA, XGA, SVGA, VGA)
Dual stream	4K30fps (Main) + 4K30fps (Sub)

Audio

Audio	OPUS, AAC-LC, AAC-LD, G.719, G.711a, G.711u, G.722, G.722.1, G.722.1C, G.728, G.729, MP3
Audio sampling rate	8KHz-48KHz
Audio processing	AEC, AGC, ANS, post adaptive filtering, error correction, lip sync

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Communication

Media framework protocol	ITU-T H.323, IETF SIP
Dual stream	H.239, BFCP
Network transmission	IPv6/IPv4, TCP/IP, HTTP/HTTPS, SNMP, NTP, PPPoE, DHCP
Other	H235, H.460, SRTP, TLS

Bandwidth

Call bandwidth	64Kbps~10Mbps
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Network feature

Anti package loss	stable and frequent video and audio at 35% loss stable and frequent audio at 70% loss
Adaptability	Packet loss retransmission, intelligent speed regulation, and ultra strong error correction

Security

Physicals 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 security	Support H.323 network to realize H.235 media streaming and signaling encryption, Support SIP TLS, SRTP encryption

Firewall

Firewall traversal	H.460 public or private network / static NAT
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Video interface

Video input	1×USB3.0, 2×HDMI 1.4
Video output	2×HDMI 2.0

Audio interface

Audio input	1×HDMI, 1×3.5mm line in, 1×DH-AIAO(extra mic), 1×6.35mm line in
Audio output	1×HDMI, 1×3.5mm line out, 1×6.35mm line out, 1×DH-AIAO(extra mic)

Network

Interface	1xRJ45 10/100/1000M self-adaptive
WIFI	Support 2.4G+5G dual stream WIFI

Language

Language	Chinese/ English
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Maintenance

Methods	Built-in Web, remote controller, ADB, series port
Detection	Built-in sound detection, network ping
Log	Log recording, check, export

Display

Standby	Support auto standby (self-customized time), sleep, wake up
Output display	Single screen single display, single screen dual display, single screen triple display, double screen dual display
Front OLED	Support displaying device model, device number, and device status: including startup, upgrade, hibernation, temperature abnormality, external device abnormality, IP address, H.323 number, SIP number, and other information

Other interfaces

USB	1×USB3.0, 1×USB2.0
Communicate	1×Console, 1×COM (RJ45), 1×TOUCH
General	1×hardware switch, 1×power supply, 1×locking hole
Reset	RST

Installation

Methods	Cabinet installation, desktop, wall mounting, mobile carts, etc
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Physicals

Operating voltage	DC 12V
Power consumption MAX	48W
Operation temperature	0°C~45°C
Operation humidity	10%~80% (on) 0%~95% (off)
Net weight	1.5KG
Dimension (W×D×H)	295mm*145mm*35.6mm

Certification