

HTI-XT500/HTI-XT500-W

UHD 4K video conferencing terminal (Built-in camera)

hitrolink



XT500 series is 4K UHD terminal with built-in codec, 800W camera with 80° FOV, support dual stream 4K UHD video conference and content sharing, provide high quality video conference experience



FEATURES SPOTLIGHT

All-in-one design, built-in 4K camera, codec (XT500-W adds WiFi module)

Support 12× optical zoom, 80°HFOV

Support H.264, H.265 protocol coding and decoding, 4K30fps dual stream

Support OPUS audio coding and decoding, 48KHz sampling rate

Built in microphone array, pick up distance up to 6meters, support USB speakerphone connection 3 screens triple display

Support IR remote controller, keyboard and mouth control

Support normal mount, wall-mount, ceiling-mount, etc.

Scenario

Middle conference room ,single channel camera video input and audio demand.

SPECIFICATION

Lens

Sensor	1/2.5 inch HD CMOS
Pixel	800W
Zoom	12 optical zoom
Focus length	3.85~43.1mm
Aperture	F1.8-F3.65
HFOV	7.7°~80.4°
Lux	0.1lux
Exposure	AUTO / Aperture priority / Shutter priority / Manual, Exposure compensation, Backlight compensation
Focus	Manual / Auto
E shutter	1/7.5~1/4,000 s
Others	Automatic gain, wide dynamic, white balance

Video

Coding and decoding protocol	H.265, H.264 HP, H.264 BP
Main stream (coding and decoding)	4K 30fps, 1080P 60/50/30/25fps, 720P60/50/30/25fps
Sub stream input	4K 30/25fps, 1920×1080 60/50/30/25fps, 1600×900 60fps, 1400×1050 60fps, 1440×900 60fps, 1366×768 60fps, 1360×768 60fps, 1280×1024 60fps, 1280×960 60fps, 1280×768 60fps, 1280×800 60fps, 1280×720 60fps, 1280×600 60fps, 1152×864 60fps, 1024×768 60fps, 800×600 60fps
Sub stream (coding and decoding)	4K (30fps), 1080P, 720P, 540P, 360P, 180P
Output stream	4K 60/50/30/25fps, 1080P 60/50/30/25fps
Video bitrate	64Kbps~10Mbps
Dual-stream	4K30fps (main stream) + 4K30fps (sub stream)

Audio

Coding and decoding protocol	OPUS, AAC-LD, AAC-LC, G.719, G.711a, G.711u, G.722, G.722.1, G.722.1C, G.728, G.729, MP3, ect.
Sampling rate	8KHz-48KHz
Processing	AEC, AGC, ANS, Lip sync

Communication

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

Bandwidth

Call	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 error correction

Security

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

Firewall

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

Input	1×built-in, 1×HDMI;
Output	3×HDMI;

Audio interface

Input	1×built-in, 1×mini canon, 1×3.5mm Mic in, 1×3.5mm Line in, 1×USB, 1×RJ45 (Dante protocol), 1×HDMI(support sub stream video and audio);
Output	1×3.5mm line out, 1×HDMI(support main screen output), 1×USB(microphone)
Remarks	Support 1 substream input + mainstream audio input

Network

Interface	1xRJ45 10/100/1000M self-adaptive
Wi-Fi (XT500-W)	built-in 2.4G/5G dual frequency WIFI

Language

Language	Chinese/ English
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Maintenance

Methods	adb, Telnet/SSH command, remote control
Detection	Built-in sound detection, network ping
Log	Log recording, check, display and 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, double screen triple display, three screen triple display
Front OLED	support display model/version/IP address

Other interfaces

USB	2×USB
Communicate	1×Console, 1×POE RJ45 (support touch panel)
General	1×hardware switch, 1× power supply
Reset	RST

Physicals

Operating voltage	12V DC
Power consumption MAX	24W
Operation temperature	0°C~45°C
Operation humidity	10%~80% (on) 0%~95% (off)
Net weight	3.5KG
Dimension (W×D×H)	257×187.9×187mm
Pacakge dimension(W×D×H)	585×320×360mm

Certification