

HTI-XT510

4K Dual Lens Video Conference Terminal

hitrolink

Built-in camera, microphone array, and codec, featuring dual 4K UHD lenses for close-up and panoramic views, intelligently presenting from the best angle. Supports dual 4K UHD video calls and content sharing, 48KHz hi-fi voice pick up quality, providing an ultimate face-to-face communication experience.

FEATURES SPOTLIGHT

- **Auto Framing:** Supports automatic framing and recognition of the number and positions of participants. The lens automatically tracks, ensuring everyone is in the frame, making meetings more efficient.
- **Speaker Tracking:** Utilizing multi-modal AI, including voice source, human face, and body recognition, accurately tracks the speaker and centers the close-up image, providing participants with the optimal view.
- **Wireless BYOM Function:** With one click, professional audio and video equipments can be invoked. At the same time, the computer screen can be projected onto the conference terminal.
- **Excellent Pickup Performance:** Built-in 6 MEMS microphone array, supports up to 8 meters pickup distance, built-in AI noise reduction and echo cancellation algorithms.

SPECIFICATION**Video Parameters**

Video Encoding	H.265、H.264 HP、H.264 BP、H.264 SVC、H.263、H.263+
Main Stream resolution	4K@60/30/25fps、1080p@60/50/30/25fps、720p@60/50/30/25fps、4CIF@30/25fps、CIF@30/25fps
Frame Rate	25fps、30fps、50fps、60fps
Content Stream encoding and decoding	4K@30/25fps 1080p@60/50/30/25fps 720p@60/50/30/25fps 4CIF@30/25fps (1080P、UXGA、WXGA、SXGA、XGA、SVGA、VGA)
Video Out resolution	4K (3840*2160)
Video Bitrate	128Kbps~8Mbps
Main and Content Streams	Main Stream: Up to 4K@30fps, Content Share: Up to 4K@30fps

Audio Parameters

Audio Standard	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 Bitrate	8Kbps~256Kbps
Audio Processing	AEC, AGC, ANS, Intelligent Noise Reduction, Reverb Removal

Communication Protocol

Meeting Protocol	H.323、IETF SIP
Network Transmission Protocol	IPv6/IPv4、TCP/IP、RTP、RTCP、HTTP/HTTPS、DNS、PPPoE、DHCP、TLS
Other Protocols	H235、H.460、SRTP、TLS, and etc.

Camera Parameters

Camera Sensor	PTZ Camera: 1/2.8 inch CMOS, Panoramic Camera: 1/2.8 inch CMOS
PTZ Camera	Zoom: 12x optical zoom Pixels: 8 megapixels Focal Length: 3.4~40.4mm Aperture: F1.8-F3.6 Horizontal Field of View: 7.6° (tele) ~ 80.5° (wide) Minimum Illumination: 0.1 lux
Panoramic Camera	Pixels: 8 megapixels Focal Length: 2.03mm Aperture: F2.2 Horizontal Field of View: 110 degrees Minimum Illumination: 0.1 lux

Video Interfaces

Video Input	Main Stream: 2x built-in cameras, Content share through 1x USB Type-C or 1x HDMI IN
Video Output	2x HDMI, or 1x USB 3.0 in USB camera mode

Audio Interfaces

Microphone Array	6 Microphone Array
Voice Pickup Range	Up to 8 Meter Pickup Radius
External Speakerphone	Supported
Audio Input	1× Built-in Microphone 1× DH-AIAO, which is a Digital Array Microphone Interface 1× 3.5mm Line In 1× Mini XLR Interface 1× HDMI, for Presentation Audio 1× USB Type-C, for Presentation Audio
Audio Output	1× HDMI OUT1、1×3.5mm line out 1×DH-AIAO, which is a Digital Array Microphone Interface 1×HDMI OUT2 in recording mode

Network Interface

Hardware Network Interface	1×RJ45 10/100/1000M LAN port
WIFI	Supported

SPECIFICATION**Other Interfaces**

USB Port	2×USB Port
Remote Control	Supported
TOUCH Port	1×RJ45 10/100/1000M Lan port, supports connecting with Meeting Control Pad
Lock Port	Supported

PTZ Parameters

Horizontal rotation angle	-120° to +120°
Vertical rotation angle	-90° to +30°
Horizontal speed control	0.1-94.7°/s
Pitch control speed	0.1-94.7°/s

Physical parameters

Operating voltage	DC 12V
Maximum power consumption	36W
Working environment temperature	0°C-45°C
Dimensions (W×D×H)	269×169×173mm
Package dimensions (W×D×H)	578×313×349mm
Weight	Net weight 2.53kg, Gross weight 6.0kg

Certifications

International	CE, RohS
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More Functions

Privacy protection	Supports PTZ camera vertical rotation to privacy protection position Supports Panoramic camera automatic privacy protection cover
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AI Functions	Auto Framing Speaker Tracking Human Face Detection People Counting Intelligent Dereverberation Intelligent Noise Reduction
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Feature Functions	Supports pull stream through RTSP; Wireless screen sharing function: ① Supports video and audio sharing ② Supports wireless BYOM and BYOD Electronic whiteboard function in the meeting; Upgrade process breakpoint resume Can be used as a USB camera
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