HTI-XT500/HTI-XT500-W

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





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 ${\tt 48KHz}$ 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

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 and and decoding and and decoding a	Lens	
Zoom	Sensor	1/2.5 inch HD CMOS
Focus length 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 Automatic gain, wide dynamic, white balance Video Chers Automatic gain, wide dynamic, white balance Video Coding and decoding protocol Main stream (coding) 4K 30/25fps, 1920×1080 60/50/30/25fps, 1500×900 60fps, 1360×768 60fps, 1920×1080 60/50/30/25fps, 1500×900 60fps, 1280×768 60fps, 1280×200 60fps, 1280×2706 60fps, 1280×768 60fps, 1280×800 60fps, 1280×720 60fps, 1280×800 60fps, 1128×864 60fps, 1024×768 60fps, 1280×600 60fps, 1128×864 60fps, 1024×768 60fps, 1280×600 60fps, 1128×864 60fps, 1024×768 60fps, 1280×600 60fps, 1125×864 60fps, 1024×768 60fps, 1024×768 60fps, 1020×600 60fps, 1280×720 60fps, 1280×600 60fps, 1125×864 60fps, 1024×768 60fps, 1024×768 60fps, 1024×768 60fps, 1024×768 60fps, 1020×600 60fps, 1280×600 60fps, 1125×864 60fps, 1024×768 60fps, 800×600 60fps, 1125×864 60fps, 1024×768 60fps, 1024×768 60fps, 800×600 60fps, 1125×864 60fps, 1024×768 60fps, 1024×768 60fps, 800×600 60fps, 1280×600 60fps, 1125×864 60fps, 1024×768 60fps, 1024×76	Pixel	800W
Aperture F1.8-F3.65 HFOV 7.7°-80.4° Lux 0.1lux 0.1lux Exposure AUTO / Aperture priority/Shutter priority/Manual, Exposure Compensation, Backlight compensation Focus Manual/Auto Eshutter 17.5~1/4,000 s Others 17.5~1/4,000 s Others Automatic gain, wide dynamic, white balance Video Coding and decoding protocol Main stream (coding and decoding) 4K 30fps. 1080P 60/50/30/25fps. 720P60/50/30/25fps 4K 30/25fps. 1920×1080 60/50/30/25fps. 1500×900 60fps. Sub stream input 1360×768 60fps. 1280×1024 60fps. 1280×960 60fps. 1280×768 60fps. 1280×1024 60fps. 1280×726 60fps. 1280×768 60fps. 1280×1024 60fps. 1280×720 60fps. 1280×768 60fps. 1280×1024 60fps. 1204×768 60fps. 1280×600 60fps. 1152×864 60fps. 1024×768 60fps. 1080×600 60fps. 1000×7000 60fps. 1080×600 60fps. 1000×7000 60fps. 1080×600 60fps. 1000×7000 60fps. 1080×600 60fps. 1000×700 60fps. 1080×700 60fps. 1000	Zoom	12 optical zoom
HFOV 7.7°-80.4° Lux 0.1lux Exposure AUTO / Aperture priority/Shutter priority/Manual, Exposure compensation, Backlight compensation Focus Manual/Auto 1/7.5-1/4,000 s Others 1/7.5-1/4,000 s Others Automatic gain, wide dynamic, white balance Video Coding and decoding protocol Main stream (coding and decoding) 4K 30/5s, 1080P 60/50/30/25fps, 720P60/50/30/25fps Sub stream input 1400×1050 60fps, 1440×900 60fps, 1366×768 60fps, 1360×768 60fps, 1280×1024 60fps, 1280×960 60fps, 1280×768 60fps, 1280×1024 60fps, 1280×960 60fps, 1280×768 60fps, 1280×600 60fps, 1320×768 60fps, 1280×800 60fps, 1280×769 60fps, 1280×600 60fps, 1320×600 60fps, 1152×864 60fps, 1024×768 60fps, 800×600 60fps, 1260×768 60fps, 1024×768 60fps, 1	Focus length	3.85~43.1mm
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 Main stream (coding and decoding) 4K 30/25/ps. 1920×1080 60/50/30/25/ps. 720P60/50/30/25/ps and decoding) 4K 30/25/ps. 1920×1080 60/50/30/25/ps. 1600×900 60/ps. 1460×1056 60/ps. 1980×1024 60/ps. 1266×768 60/ps. 1260×768 60/ps. 1280×206 60/	Aperture	F1.8-F3.65
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 Main stream (coding and decoding) 4K 30/75-18, 1920×1080 60/50/30/25fps, 720P60/50/30/25fps 1400×1050 60fps, 1920×1080 60/50/30/25fps, 1600×900 60fps, 1400×1050 60fps, 1280×720 60fps, 1280×600 60fps, 1280×600 60fps, 1280×720 60fps, 1280×600 60fps, 1280×720 60fps, 1280×600 60fps, 1280×720 60fps, 1280×600 60fps, 1280×720 60fps, 1280×600 60fps, 1280×720 60fps, 1280×72	HFOV	7.7°~80.4°
Exposure compensation, Backlight compensation	Lux	0.1lux
E shutter 1/7.5—1/4,000 s Others Automatic gain, wide dynamic, white balance Video Cading and decoding protocol Main stream (coding and decoding) 4K 30/ps, 1080P 60/50/30/25fps, 720P60/50/30/25fps and decoding) 4K 30/ps, 1080P 60/50/30/25fps, 1200×900 60fps, 1360×768 60fps, 1400×1050 60fps, 1440×900 60fps, 1360×768 60fps, 1280×768 60fps, 1280×768 60fps, 1280×768 60fps, 1280×768 60fps, 1280×806 60fps, 1280×768 60fps, 1280×806 60fps, 1280×768 60fps, 1280×769 60fps, 1280×76	Exposure	
E shutter Others Automatic gain, wide dynamic, white balance Video Coding and decoding protocol Main stream (coding and decoding) 4K 30/25/ps. 1920×1080 60/50/30/25/ps. 720P60/50/30/25/ps 3d0 4K 30/25/ps. 1920×1080 60/50/30/25/ps. 1600×900 60/ps. Sub stream input 1400×1050 60/ps. 1240×900 60/ps. 1260×768 60/ps. 1260×768 60/ps. 1280×768 60/ps. 1280×780 60/ps. 1280	Focus	Manual/Auto
Others Automatic gain, wide dynamic, white balance Video Coding and decoding protocol HL265, H.264 HP, H.264 BP Main stream (coding and decoding) 4K 30/ps, 1080P 60/50/30/25fps, 720P60/50/30/25fps and decoding) 4K 30/25fps, 1920 × 1080 60/50/30/25fps, 1600 × 900 60fps and decoding) 4K 30/25fps, 1920 × 1080 60/50/30/25fps, 1600 × 900 60fps. Sub stream input 1360 × 768 60fps, 1280 × 800 60fps, 1280 × 720 60fps, 1280 × 760 6	E shutter	
Video Coding and decoding protocol Main stream (coding and decoding) 4K 30/25/ps. 1920×1080 60/50/30/25/ps. 720P60/50/30/25/ps 4K 30/25/ps. 1920×1080 60/50/30/25/ps. 1600×900 60/ps. 1400×1050 60/ps. 1280×1280 ×60 60/ps. 1366×768 60/ps. 1280×800 60/ps. 1280×708 60/ps.	Others	
Coding and decoding protocol Main stream (coding and decoding) 4K 30fps. 1080P 60/50/30/25fps. 720P60/50/30/25fps 4K 30/25fps. 1920×1080 60/50/30/25fps. 1600×900 60fps. 1400×1050 60fps. 1440×900 60fps. 1366×768 60fps. 1280×768 60fps. 1280×800 60fps. 1280×960 60fps. 1280×768 60fps. 1280×800 60fps. 1280×720 60fps. 1280×600 60fps. 1280×800 60fps. 1280×720 60fps. 1280×600 60fps. 1280×600 60fps. 1280×768 60fps. 1204×768 60fps. 800×600 60fps. 1252×864 60fps. 1024×768 60fps. 800×600 60fps. 1460 60fps. 1280×600 60fps. 1252×864 60fps. 1024×768 60fps. 800×600 60fps. 1280×600		
Main stream (coding and decoding) 4K 30/25fps. 1920×1080 60/50/30/25fps. 1500×900 60fps. 1400×1050 60fps. 1440×900 60fps. 1366×768 60fps. 1280×768 60fps. 1280×768 60fps. 1280×708 60fps. 100×768 60fps. 10	Coding and	H.265、H.264 HP、H.264 BP
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, 1280×720 60fps, 1280×768 60fps, 1280×800 60fps, 1280×720 60fps, 1280×768 60fps, 1280×800 60fps, 1280×720 60fps, 1280×768 60fps, 1280×800 60fps, 1280×720 60fps, 1280×600 60fps, 1280×600 60fps, 1280×600 60fps, 1280×600 60fps, 1024×768 60fps, 800×600 60fp Sub stream (coding and decoding) 4K (30/fps), 1080P, 720P, 540P, 360P, 180P 4K (30/fps), 1080P, 720P, 360P, 180P 4K (30/fps), 1	Main stream (coding	4K 30fps、1080P 60/50/30/25fps、720P60/50/30/25fps
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 GOPUS, AAC-LD, AAC-LC, G.719, G.711a, G.711u, G.722, decoding protocol 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 IPv6/IPv4, TCP/IP, DHCP, RTP, RTCP, Telnet, HTTP/HTTPS, SNMP, SSH, SNTP, DNS Others H.225, H.235, H.241, H.245, H.281, H.350, T.140 Bandwidth Call 64Kbps~10Mbps 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 Firewall		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,
Video bitrate Dual-stream 4K30fps (main stream) + 4K30fps (sub stream) Audio Coding and OPUS.AAC-LD.AAC-LC.G.719,G.711a,G.711u,G.722, decoding protocol G.722.1.G.722.1C.G.728,G.729,MP3, ect. Sampling rate BKHz-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.SNTP.DNS Others H.225,H.235,H241,H.245,H.281,H.350,T.140 Bandwidth Call G4Kbps~10Mbps 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		4K(30fps)、1080P、720P、540P、360P、180P
Audio Coding and OPUS.AAC-LD.AAC-LC.G.719, G.711a.G.711u.G.722.decoding protocol 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.SNTP.DNS Others H.225.H.235.H241.H.245, H.281, H.350, T.140 Bandwidth Call 64Kbps~10Mbps 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	Output stream	4K 60/50/30/25fps、1080P 60/50/30/25fps
Audio Coding and OPUS、AAC-LD、AAC-LC、G.719、G.711a、G.711u、G.722、decoding protocol 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 IPV6/IPV4、TCP/IP、DHCP、RTP、RTCP、TeInet、HTTP/HTTPS、SNMP、SSH、SNTP、DNS Others H.225、H.235、H.241、H.245、H.281、H.350、T.140 Bandwidth Call 64Kbps~10Mbps 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	Video bitrate	64Kbps~10Mbps
Coding and OPUS、AAC-LD、AAC-LC、G.719、G.711a、G.711u、G.722、 decoding protocol G.722.1、G.722.1 C、G.728、G.729、MP3, ect. Sampling rate 8KHz-48KHz Processing AEC、AGC、ANS、Lip sync Communication Media framework protocol IPU-T H.323、IETF SI Dual-stream protocol H.239、BFCP Network protocol IPV6/IPV4、TCP/IP、DHCP、RTP、RTCP、TeInet、 HTTP/HTTPS、SNMP、SSH、SNTP、DNS Others H.225、H.235、H241、H.245、H.281、H.350、T.140 Bandwidth Call G4Kbps~10Mbps 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	Dual-stream	4K30fps (main stream) + 4K30fps (sub stream)
decoding protocol G.722.1、G.722.1 C, 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 IPv6/IPv4、TCP/IP、DHCP、RTP、RTCP、Telnet、 HTTP/HTTPS、SNMP、SSH、SNTP、DNS Others H.225、H.235、H241、H.245、H.281、H.350、T.140 Bandwidth Call 64Kbps~10Mbps 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	Audio	
Sampling rate Processing AEC.AGC.ANS.Lip sync Communication Media framework protocol H.239.BFCP Network protocol IPv6/IPv4.TCP/IP.DHCP.RTP.RTCP.Telnet. HTTP/HTTPS.SNMP.SSH.SNTP.DNS Others H.225.H.235.H241.H.245.H.281.H.350.T.140 Bandwidth Call 64Kbps~10Mbps 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	Coding and	OPUS、AAC-LD、AAC-LC、G.719、G.711a、G.711u、G.722、
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、SNTP、DNS Others H.225、H.235、H241、H.245、H.281、H.350、T.140 Bandwidth Call 64Kbps~10Mbps 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	decoding protocol	G.722.1、G.722.1C、G.728、G.729、MP3, ect.
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, SNTP, DNS Others H.225, H.235, H241, H.245, H.281, H.350, T.140 Bandwidth Call 64Kbps~10Mbps 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	Sampling rate	8KHz-48KHz
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, SNTP, DNS Others H.225, H.235, H241, H.245, H.281, H.350, T.140 Bandwidth Call 64Kbps~10Mbps 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	Processing	AEC、AGC、ANS、Lip sync
Dual-stream protocol Network protocol IPv6/IPv4, TCP/IP, DHCP, RTP, RTCP, Telnet, HTTP/HTTPS, SNMP, SSH, SNTP, DNS Others H.225, H.235, H241, H.245, H.281, H.350, T.140 Bandwidth Call 64Kbps∼10Mbps 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	Communication	
Network protocol IPv6/IPv4, TCP/IP, DHCP, RTP, RTCP, Telnet, HTTP/HTTPS, SNMP, SSH, SNTP, DNS Others H.225, H.235, H241, H.245, H.281, H.350, T.140 Bandwidth Call 64Kbps~10Mbps 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	Media framework protocol	ITU-T H.323、IETF SI
HTTP/HTTPS、SNMP、SSH、SNTP、DNS Others H.225、H.235、H241、H.245、H.281、H.350、T.140 Bandwidth Call 64Kbps~10Mbps 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	Dual-stream protocol	H.239、BFCP
Others H.225, H.235, H241, H.245, H.281, H.350, T.140 Bandwidth Call 64Kbps~10Mbps 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	Network protocol	IPv6/IPv4、TCP/IP、DHCP、RTP、RTCP、Telnet、
Bandwidth Call 64Kbps~10Mbps 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		HTTP/HTTPS、SNMP、SSH、SNTP、DNS
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	Others	H.225、H.235、H241、H.245、H.281、H.350、T.140
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	Bandwidth	
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	Call	64Kbps~10Mbps
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	Notwork foature	
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		etable and frequent vides and audio at 250/ 1
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	Anti package loss	•
Perfect environment, safety regulations, EMC, and reliability result 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		
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	adaptability	
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	Security	
signaling in H323 networking, while also supporting TLS and SRTP encryption in SIP networking Firewall	-	reliability design, as well as good thermal design,
	Transmission security	signaling in H323 networking, while also supporting
Firewall traversal H.460 public or private network / static NAT	Firewall	
	Firewall traversal	H.460 public or private network / static NAT

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Vid	ല	int	∙erf	ace	2

Output $3 \times HDMI;$

Audio interface

 $1 \times USB$, $1 \times RJ45$ (Dante protocol),

 $1 \times HDMI(support sub stream video and audio);$

 ${\bf Output} \hspace{1cm} 1 \times 3.5 mm \ line \ out, 1 \times {\bf HDMI} (support \ main \ screen \ output) \ ,$

1×USB(microphone)

Remarks Support 1 substream input + mainstream audio input

Network

Interface1xRJ45 10/100/1000M self-adaptiveWi-Fi (XT500-W)built-in 2.4G/5G dual frequency WIFI

Language

Language Chinese/ English

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

 ${\bf Communicate} \hspace{15mm} 1 \times {\bf Console}, 1 \times {\bf POE} \ {\bf RJ45} \ ({\bf support} \ {\bf touch} \ {\bf panel})$

Reset RS

Physicals

 $\begin{array}{lll} \text{Operating voltage} & 12 \text{V DC} \\ \\ \text{Power consumption MAX} & 24 \text{W} \\ \\ \text{Operation temperature} & 0^{\circ}\text{C} \sim 45^{\circ}\text{C} \\ \\ \text{Operation humidity} & 10 \% \sim 80 \% \text{ (on)} \\ & 0 \% \sim 95 \% \text{ (off)} \\ \\ \text{Net weight} & 3.5 \text{KG} \\ \\ \text{Dimension (W \times D \times H)} & 257 \times 187.9 \times 187 \text{mm} \\ \\ \text{Pacakge dimension(W \times D \times H)} & 585 \times 320 \times 360 \text{mm} \\ \end{array}$

Certification







