

Video Conferencing Endpoint (Base on Android)

All-in-One 4K Intelligent Video Conferencing Endpoint UAI4T730 / UAI4T730 Pro



4K endpoint, microphone, speaker, camera and endpoint all-in-one design, impressive video and audio performance, minimal configuration and simple to use. Best choice for enterprise/government collaboration, online health-care, online teaching/learning and conferencing.



Features

High Performance Open Platform

T730:
1 × 4K60fps or 8 × 1080P30fps or 16 × 720P30fps or
32 × 480P30fps or 64 × 360P15fps.

T730 Pro:

Supports H.265/H.264/AV1/VP9/AVS2 video decoding, up to 8K60fps
Supports H.264/H.265 video encoding, up to 8K30fps.

Superstrong CPU

T730: 4-core A73+2-core A53.

T730 Pro: 4-core A76+4-core A55.

Superstrong NPU

T730: 5 TOPS INT8.

T730 Pro: 6 TOPS.

Fully Integrated Audio and Video

Integrating a 4K ultra clear camera, array microphone, high fidelity speaker, and high-performance Android chip, a single device can be connected to the network and connected to a display device for meetings.

One Machine for Dual Use

It can be used as an Android video conferencing terminal or as an integrated audio and video USB camera connected to a PC as a peripheral device.

Intelligent Analysis

Built-in intelligent analysis algorithm, voice recognition, participants automatic frame selection, speaker automatic tracking and switching speaker screen to ensure that the speaker is always clear in the screen.

Dual Screen Display

Supports dual HDMI output and can display the main and auxiliary currents in full screen.

Product Specification

Difference	T730	T730 Pro
Operating System	Android 9.0	Android 12
CPU	4 × Cortex-A73@2.2GHz + 2 × Cortex-A53@1.8GHz	4 × Cortex-A76@2.4GHz + 4 × Cortex-A55@1.8GHz
Video Input Interface	1 × Integrated camera 1 × HDMI, supports HDMI 1.4, Max. 1080P30fps	1 × Integrated camera 1 × HDMI, supports HDMI 2.0, Max. 4K30fps
Video Output Interface	1 × HDMI OUT1, supports HDMI 2.1, Max. 4K60fps 1 × HDMI OUT2, supports HDMI 1.4, Max. 1080P60fps	2 × HDMI OUT, supports HDMI 2.1, Max. 4K60fps
Video Coding	H.264/H.265 2 × 1080P@60fps VP9 Profile-2 up to 4K×2K@60fps	H.264/H.265, Max. 8K30FPS
Video Decoding	H.265 HEVC MP-10@L5.1 up to 4K×2K@60fps AVS2-P2 Profile up to 4K×2K@60fps H.264 AVC HP@L5.1 up to 4K×2K@30fps H.264 MVC up to 1080P@60fps	H.265/H.264/AV1/VP9/AVS2, Max. 8K60fps
USB Interface	1 × USB 3.0 Type-A Host 1 × USB 2.0 Type-A OTG 1 × USB 3.0 Type-C (Used to connect a PC as a camera and SpeakerPhone apply)	1 × USB 3.0 Type-A Host 1 × USB 3.0 Type-A OTG 1 × USB 3.0 Type-C (Used to connect a PC as a camera and SpeakerPhone apply)

System

RAM	4GB
ROM	16GB EMMC (optional 32GB)

Video Features

Built-in Camera	Sensor: 1/2.5 inch CMOS, effective pixel 8.51MP, Field of view angle: DFOV: 121°, HFOV: 110° 5 × Digital zoom Pan head: mechanical pan head, horizontal/pitch: ± 15°; Electronic pan tilt Backlight compensation: supported Digital noise reduction: 2D and 3D digital noise reduction Signal to noise ratio: ≥ 55dB
AI Tracking	supports
Other Image Features	Dual screen different display

Other I/O

Power Interface	1 × DC 12V/3A
Network Interface	1 × RJ45, 10M/100M/1000M Base-T 1 × RJ45, 10M/100M Base-T, Support 15W PSE
Connectivity	1 × WiFi (i2.4G&5.8G), 802.11a/b/g/n/ac (Optional)
Bluetooth	BT 5.0 (Optional)

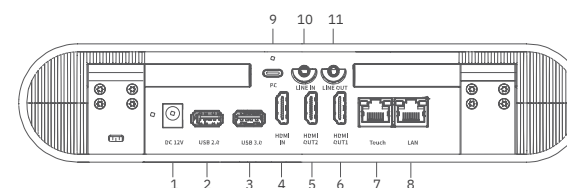
General Specification

Dimension	601mm (W) × 141mm (D) × 115mm (H)
Power Supply	•Input Voltage: DC 12V •Power Consumption: 36W
Environmental Requirement	•Temperature: 0°C ~ 40°C (operating state), -40°C ~ 70°C (non-operating state) •Humidity: 10% ~ 80% (operating), 0% ~ 95% (non-operating)
Certification and Standard	CQC, RoHS, CE

Audio Features

Input	1 × Built-in microphone 1 × USB 1 × HDMI embedded audio input 1 × Bluetooth audio input (optional) 1 × 3.5mm linear input
Output	1 × Integrated speaker (SPL 96dB@0.5m) 1 × USB 1 × HDMI embedded audio output 1 × Bluetooth audio output (optional) 1 × 3.5mm linear output
Features	Automatic gain control; Automatic echo cancellation Automatic noise suppression; Automatic lip sync

Interface Diagram



1	DC 12V	7	Touch
2	T730:USB2.0;T730Pro:USB3.0	8	LAN
3	USB3.0	9	Type-C
4	HDMI IN	1	LINE IN
5	T730:HDMI OUT2; T730Pro HDMI OUT1	0	LINE OUT
6	T730:HDMI OUT1; T730Pro HDMI OUT2	1	