

Integrated Audiovisual Intelligent Endpoint UT30

The integrated audio and video intelligent terminal platform UT30 adopts Qualcomm Snapdragon 625 processor, supports Android operating system, and supports multiple video conferencing software and client applications. The terminal platform adopts integrated design, embedded 4K ultra-high definition optical lens and sensor, and has a variety of audio and video input and output interfaces, integrating audio and video interaction, desktop sharing, multimedia sharing and recording functions to meet the high-end application scenarios of various conference systems.



Product Features:

- **Integrated platform design**
Support audio input and output; support 1x HDMI input, 2x HDMI output; with LAN interface; with 2x USB2.0 interface; with Bluetooth and 5GWiFi interface. Camera and endpoint platform successfully integrated together.
- **Snapdragon 625 processor**
The Snapdragon™ 625 processor features the world's leading 14nm technology and integrates the Qualcomm® Adreno™ 506 PC-class graphics processor.
- **Compact design**
UT30 adopts integrated compact design, built-in camera and multiple interfaces. With small size, rich interface and easy connection advantage, UT30 is easy to install and maintain.
- **Open hardware platform and SDK**
UT30 fully supports the secondary development by users to achieve custom needs.
- **Unmatched platform compatibility**
Support users to customize developments such as H.323 / SIP protocol stack, and achieve good interoperability with mainstream standard endpoint and MCU in the industry; to facilitate customers expansion and upgrading.
- **Wireless WiFi**
Support standard wireless protocols; support simple and efficient equipment deployment.
- **Local storage**
Support SD card storage; U disk storage; storage space is up to 64G.
- **Ultra HD definition image**
The camera employs 1/2.5 inch, 4K high quality CMOS sensors with resolutions of up to 4K and frame rate up to 60 fps.
- **Wide angle zoom lens without distortion**
The camera has the option of 5X 10X 12X 20X optical zoom lenses and it offers 83.7° wide view angle without

distortion.

- **Low noise and high SNR**
Low noise CMOS sensors ensures high SNR of camera video. Advanced 2D/3D noise reduction technology is also used to further reduce the noise, while ensuring image sharpness.
- **Multiple video compression**
Supports H.265/H.264 video compression.
- **Low-power sleep function**
Supports low power sleep/wake up with consumption in sleep mode.
- **Wide Application**
Tele-education, Lecture Capture, Webcasting, Videoconferencing, Tele-training, Tele-medicine, Interrogation and Emergency command systems.

Technical Specification:

Platform input/output interface	
HDMI input	1*mainstream HDMI output(support video input) 1*Auxiliary flow HDMI output
HDMI input	1*HDMI input; Support input of computer mainframe, camera and other equipment Maximum support 1080P60
USB interface	2*USB2.0, Support external keyboard, mouse, storage device, etc. 1*Micro-USB, for OTG updating/ debugging
LAN	100/10BASE-TX
Wireless WiFi	Support 802.11ac protocol, support 2.4G, 5G
Built-in microphone	Built-in 2-channel analog MIC input
Bluetooth	Bluetooth 4.1, low power consumption, Bluetooth Device Supported
Video input/output	3.5 mm linear input/output
SD card	Support SD card storage
Wireless remote control	Built-in wireless receiver module, support 2.4GHz
Power interface	HEC3800 Outlet (DC12V)

Android platform parameters	
Main chip	Snapdragon 625 processor
CPU	CPU core: CPU 8core, ARM Cotex-A53 CPU Clock speed: The main frequency is up to 2.0GHz CPU architecture: 64-bit
GPU model	GPU Model: Qualcomm® Adreno™ 509 GPU API support: OpenGL ES 3.1+
DSP technology	Qualcomm® Hexagon™ DSP Qualcomm All-Ways Aware™ technology
RAM memory	Capacity: 2.0G; Storage speed: 933MHz; Storage type: LPDDR3
Storage	eMMC: eMMC 5.1; storage space: 16G
Network	Support 802.11 ac Wi-Fi

Camera Lens Parameter	
Sensor	1/2.5Inch High Quality 4K CMOS sensor
Effective Pixels	8.28 Megapixel, 16: 9
Video Compression Format	H.265, H.264
Focal length	3.24mm
View Angle	94.8°(D), 86.6° (H), 56° (V)
Aperture	F2.1
DNR	2D & 3D DNR
White Balance	Auto/manual/Fluorescent/Incandescent light/sun light /cloudy day
Exposure	Auto/Manual
Video Adjustment	Saturation, Contrast, Sharpness,HDR
SNR	>55dB

Other Parameters

Power Adapter	AC110V-AC220V to DC12V/1.5A
Input Voltage	DC12V±10%
Input Current	1A (Max)
Power Consumption	12W(Max)
Storage Temperature	-10℃～+60℃
Storage Humidity	20%～95%
Working Temperature	-10℃～+50℃
Working Humidity	20%～80%
Dimension(LxWxH)	408mm×75mm×89mm
Using environment	Indoor
Random Accessory	Wireless Remote Controller, Manual, Warranty Card, Power Adapter

Dimension Pictures (unit: mm)

