

Integrated Audiovisual Intelligent Endpoint UT30



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 with 4K ultra-high definition optical lens and sensor, designed with multiple audio/video input / output interfaces, integrating audio and video interaction, desktop sharing, multimedia sharing and recording functions to meet various high end conference system needs.

Features

- **Integrated platform design**
Support 1x HDMI input, 2x HDMI output, LAN port, 2x USB 2.0 port, 2.4G/5G wifi, bluetooth connection, perfectly integrating camera with conference terminal platform.
- **Snapdragon 625 processor**
Snapdragon™ 625 processor uses the world's leading 14nm technology and integrates the Qualcomm® Adreno™ 506 PC-class graphics processor.
- **Compact design**
Applies integrated compact design, with a built-in camera and multiple interfaces. Small size, rich interface, convenient connection, easy installation and maintenance.
- **Open hardware platform and SDK**
Fully support user's secondary development to achieve customization needs.
- **Excellent platform compatibility** Users can develop protocol stacks such as H.323/SIP, which can achieve good interoperability with popular standard terminals and MCU, facilitating customer's expansion and upgrading.
- **Wireless WiFi**
Supports standard wireless protocols, with simple and efficient deployment.
- **Local storage** Support SD card storage, U disk storage, storage space up to 64G;
- **Ultra HD** 1/2.5 inch 4K high quality image sensor with a maximum resolution up to 4K and an output frame rate up to 30fps.
- **Wide-angle undistorted lens:** 86.6°FOV, undistorted lens.
- **High Signal-to-Noise Ratio(SNR):** Low noise CMOS effectively guarantees the super high SNR. Advanced 2D, 3D noise reduction technology further reduces noise while ensuring image clarity.
- **Multiple video compression standards:** Support H.265/H.264 video compression.

- **Low power sleep function:**Support low power sleep/wake-up modes.
- **Wide Application:** Conference, education, medical, government, cloud , collaborative office, multimedia integration, emergency command, broadcasting, judicial, public security, military,etc.

Technical Specification:

Input/output Interfaces	
HDMI Output	1 * Main-stream HDMI output (support audio output) 1 * Sub-stream HDMI output
HDMI Input	1 * HDMI input : supports PC, Camera and other device input, up to 108060P
USB interface	2 * USB2.0, Keyboard, Mouse, USB Speaker, Flash Drive Supported 1 * Micro-USB, for OTG updating/debugging
Built-in MIC	Built-in 2-channel analog MIC input
Lan	100/10BASE-TX
Wireless WIFI	802.11ac protocol, support 2.4G, 5G
Bluetooth	Bluetooth 4.1, low power consumption, Bluetooth Device Supported
Audio input/output	3.5 mm linear input/output
SD card	Support SD card storage
WR control	Built-in wireless receiver module, 2.4GHz
Power	HEC3800, DC12V

Android Parameters	
CPU	Snapdragon 625 processor
CPU architecture	8 core, ARM cotex-A53 architecture The main frequency is up to 2.0GHz CPU architecture: 64-bit
DSP technology	Qualcomm® Hexagon™ DSP Qualcomm All-Ways Aware™ technology
GPU model	GPU model: Qualcomm® Adreno™ 509 GPU API support: OpenGL ES 3.1+
RAM memory	2.0G, LPDDR3, 933MHz
Storage specifications	eMMC 5.1, 16G
Network supported	Support Cat.7 LTE network (max), Broadband downlink speed up to 300Mbps, uplink Speed up to 150Mbps. 802.11ac wi-fi Supported.
Camera 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(D/H/V)	94.8° /86.6°/56°
Aperture	F2.1
DNR	2D & 3D DNR
White Balance	Auto/manual/Fluorescent/Incandescent light/sun light /cloudy day
Exposure	Auto/Manual
BLC	On/Off
Video Adjustment	Saturation, Contrast, Sharpness, HDR
SNR	>55dB

Other Parameter	
Power Adapter	AC110V-AC220V switch to DC12V/1.5A
Power supply	DC12V±10%
Currency	1A (Max)
Power consumption	12W(Max)
Storage Temperature	-10°C ~+60°C
Storage Humidity	20%~95%
Working Temperature	-10°C ~+50°C
Working Humidity	20%~80%
Dimension (WXHXD)	408mmX75mmX89mm
Application	Indoor
Accessory	Power supply, Remote controller, User manual

Dimension(unit: mm)

