



# HD Video Terminal

## TR-H1MT01



### Description:

Brand new high-definition video conferencing terminal, integrated high-definition camera, exquisite appearance, excellent performance; support H264, vp8, vp9 technology; ultra-low bandwidth can achieve ultra-high-definition effect, simplify the installation method; It is suitable for various small and medium-sized meeting places.

### Feature:

- \* Adopt an integrated structure, built-in hardware video processing unit and integrated high-definition camera, embedded operating system, Android operating system; built-in hardware video processing unit. Built-in 10-core CPU, super performance.
- \* Built-in MALI T880-MP4 800MHz graphics processor; support dual HDMI output to display the main and auxiliary streams in full screen respectively.
- \* The integrated camera uses a 72.5° high-quality ultra-wide-angle lens with an optical zoom of 12 times.
- \* The built-in microphone array can pick up omni-directionally, and the pickup distance is up to 6 meters. It has a unique noise suppression algorithm and can also support an external microphone. Support audio processing functions such as automatic noise suppression, automatic gain control, automatic echo cancellation, and lip synchronization.
- \* Support wireless WiFi, Bluetooth technology. It is convenient for customers to directly connect to wireless applications, such as wireless projection, Bluetooth speakers, etc.
- \* The call bandwidth supports 300Kbps, 600Kbps, 2Mbps; Video output resolution and bit rate: HD1080p, HD720p, SVGA, VGA, QVGA, CIF, etc. Frame rate support: 60Fps, 50Fps, 30Fps, 25Fps, 15Fps, 12Fps, 6Fps, etc.
- \* Video input encoding formats: H.264, VP8, VP9; Video output encoding formats: VP8, H.264, VP9
- \* Audio input encoding formats: Opus, ISAC16KHz, ISAC 32KHz, G.722 16KHz, PCMA, PCMU, AAC, AC3, Nellymoser, iLBC; Audio output encoding formats: Opus, ISAC16KHz, ISAC 32KHz, G.722 16KHz, PCMA, PCMU, AAC, AC3, Nellymoser, iLBC
- \* Support 1-channel camera input; 2-channel audio input interfaces, 1-channel independent audio output interface, which can be connected to speakers or mixers.
- \* Integrated camera hardware design, built-in camera 12x optical zoom, 1080P full HD resolution.
- \* Support IP network packet loss repair mechanism to ensure that there is no mosaic phenomenon when the packet loss rate reaches 5%; when the packet loss rate reaches 8%, the conference can still be held normally; when the packet loss rate is 20%, the image is acceptable; When the packet loss rate is 70%, the audio and the meeting progress are not affected.
- \* Super network adaptability. It can automatically adjust the resolution according to the network to ensure the smooth meeting.
- \* Support IPV4 and IPV6 protocols, NAT traversal to cross routers and firewalls for system security.

### Specification:

Model	H1MT01
Operating system	Android 6.0
Processor CPU	Based on 64-bit 10-core: 2*Cortex-A72, 4*Cortex-A53, 4*Cortex-A53 processors
Graphics Processing Unit (GPU)	Built-in MALI T880-MP4 800MHz graphics processor
Memory	8G
WIFI Standard	IEEE802.11a/b/g/n, WPA, WPA2
Video input	1-channel HD video HDMI input interface + 1 channel built-in HD camera input
Video output	2-channel HD video output interfaces, HDMI*2;
Audio input	2-channel audio input interfaces, MIC IN*1, LINE IN*1
Audio output	2-channel audio output interfaces, HDMI*1, LINE OUT*1
Network port	1-channel Gigabit Ethernet port, RJ45*1
USB interface	2 USB2.0 ports, for equipment extension or online upgrade
Display method	Support 4:3 and 16:9
Built-in camera parameters	1/2.3-inch 12 million image sensor, 12 times optical zoom, 1080P full HD resolution, 72.5 degree horizontal viewing angle
Environmental temperature	0°C ~35°C (working state) -40°C~55°C (non working state)
Relative humidity	10%~80% (working state) 0%~95% (non-working state) (non-condensing)
Size	248mm×142mm×205.5mm
Power supply	DC 12V