



Specification

Model	TCI-501M
Supported Protocols	RTP/TCP/IP, UDP
Audio Format	MP3/MP4/MKV/FLC/WAV (play the original file, the sound quality reaches CD level)
Sampling Rate	8K ~ 48KHz
Network Transmission Rate	100Mbps
Frequency Response	±2db (20~20kHz)
THD	≤ 1%
Broadband SNR	≥ 81db
Weighted SNR	≥ 86db
Bit rate	8K ~ 512Kbps
LINE OUT output level	775mV, 2 lotus seat
LINE OUT output impedance	470Ω
AUX input sensitivity	0.775V (unbalanced)
MIC input sensitivity	10mV (unbalanced)
Standby power consumption	<3W
Weight	4KG
Dimension	482 (W) * 380 (D) * 88 (H)

Features

1. Standard 19-inch rack-mount design, black aluminum oxide brushed panel, laser-cut process chassis, professional and high-grade appearance;
2. Circuit design with multiple security functions: power supply voltage monitoring, current limiting, automatic restart of the terminal accidental crash, multiple lightning protection, anti-static damage, to ensure trouble-free work around the clock;
3. Anti-electromagnetic interference design, moisture-proof technology, strict material selection of components, and can work under the condition of $-20^{\circ}\text{C} \sim 70^{\circ}\text{C}$;
4. Supports remote upgrades of systems and terminals, and has a log trace mechanism for OTA full upgrades of software and hardware to ensure zero omissions in equipment upgrades and reduce the workload of maintenance personnel;
5. Each device has its own QR code identity information, which can directly modify the device name, device location and other operations on site after scanning through the mobile APP (no need to pull the device back to the computer room to configure one by one, which greatly shortens the device debugging cycle);
6. Linkage with third-party cameras (currently supports Hikvision Yingshi Cloud and Dahuale Orange cameras);
7. Support sound mixing function: when the terminal is playing music, it can shout to the terminal, the music playback will not stop and automatically lower the music volume;
8. Receive platform instructions and audio signals, and support the platform to remotely control the volume;
9. Support the platform to set and manage the authority of the machine
10. Support status return, which can return the playback and working status of the machine to the platform;
11. Support the platform to set and manage the authority of the machine;
12. Support the platform to partition the machine and broadcast in groups;
13. Equipped with one RS485 interface for easy control of peripherals;
14. One USB interface, which can carry out local sound reinforcement of local U disk music;
15. One short circuit signal output;
16. Built-in one-way short-circuit input interface (function can be edited, trigger scheme and number of trigger terminals can be set arbitrarily, music playback, linkage output, display, etc.);
17. One microphone input, independent volume adjustment (microphone 1 has a phantom power switch, which can supply power to the phantom power microphone) and supports local paging function when the network is disconnected;
18. One local line input, independent volume adjustment; one line audio output;
19. Three-level priority function: Microphone 1 has the highest priority (when the microphone speaks, the local line input is completely prioritized, and the network signal is attenuated by 10DB, preventing important notices issued by the network from being missed during the speech process), and the network signal has the second priority function. Local line, microphone 2 third priority function;
20. 5-segment LED level display: it can display the output signal strength and distortion state;
21. Support 1-way power output socket, built-in intelligent power management, automatically open when there is a network signal, automatically close when the signal ends, and automatically open when the signal of MIC and AUX comes, when the signal ends, it will be automatically closed after a delay of 10S or through the panel switch Manually turn on the power supply of the output socket;
22. Support DHCP, compatible with routers, switches, bridge gateways, Internet, applicable to various network environments: adopt TCP, UDP, unicast and multicast mixed transmission protocols, automatically switch in different scenarios, all terminals can cross routes, cross Internet networks, the audio error-tolerant coding technology can work normally even in the case of 5% packet loss;
23. Built-in network isolation and lightning protection processing circuit.