Specification

Model	TCI-5G20
Rated Power	20W
Supported Protocols	RTP, UDP, TCP/IP, FTP;
Audio Format	MP3/MP4/MKV/FLAC/WAV (original file playback, sound quality up to CD level)
Sensitivity	89dB±3dB
Sampling Rate	8K-48KHz
Transmission Rate	100Mbps
Audio Mode	16-bit stereo CD quality
Frequency Response	±2db（80~20KHz）
Harmonic Distortion	≤1%
SNR	>80dB
Waterproof Grade	IP65
Ambient Temperature	-20℃～7 0℃
Operation Humidity	20% ~ 80% relative humidity, no condensation;
Installation Form	Bracket
Material	ASA Engineering Plastics
G.Weight	4KG
Dimension	255*230*210mm

Features

1. Adopt liunx system; high-end 4-core ARM chip, stable performance and fast operation;

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. 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;

4. 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);

5. Link with a third-party camera, preview the monitoring screen in real time, and initiate a broadcast to the bound terminal (currently supports Hikvision Yingshi Cloud and Dahuale Orange cameras);

6. 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;

7. Receive platform instructions and audio signals, and support the platform to remotely control the volume;

8. Support the platform to set and manage the authority of the machine;

9. Support status return, which can return the playback and working status of the machine to the platform;

10. Support the platform to partition the machine and broadcast in groups;

11. Built-in ambient sound monitoring module for user selection;

12. Built-in high-fidelity Class D power amplifier circuit, with delicate sound quality and strong power;

13. Built-in 5"*1 coaxial waterproof PV basin unit, high sensitivity, clear and bright sound;

14. The power amplifier has a fade-in and fade-out function, and the music will not be suddenly loud when it starts, achieving a smooth transition effect;

15. Energy saving and noise reduction processing circuit, when there is no signal input, it will automatically enter the dormant low power consumption state;

16. Applicable to a variety of network environments: using TCP, UDP, unicast and multicast mixed transmission protocols, automatic switching in different scenarios, all terminals can cross routes, cross Internet networks, audio fault-tolerant coding technology can also be used in the case of 5% packet loss can work normally;

17. Built-in network isolation and lightning protection processing circuit.