



### Specification

Model	TCI-560H
Rated Power	60W
Supported Protocols	RTP, UDP, TCP/IP, FTP;
Audio Format	MP3/MP4/MKV/FLAC/WAV (original file playback, sound quality up to CD level)
Sensitivity	93±2 dB(1m,1W)
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℃ ~ 70℃
Operation Humidity	20% ~ 80% relative humidity, no condensation;
Installation Form	Bracket
Material	ASA Engineering Plastics
G.Weight	4.5kg
Dimension	285 * 270 * 180mm

## Features

1. Using linux system; high-end 4-core ARM chip, stable performance and fast operation;
2. Circuit design has multiple security functions: power supply voltage monitoring, current limiting, automatic restart when the terminal crashes unexpectedly, multiple lightning protection, and anti-static damage.
3. Each device comes with QR code identity information and mobile APP (mobile phone or tablet) software to establish a connection with the network broadcast server by scanning the QR code.
4. The platform supports offline backup function, with built-in 2G EMMC memory and 256M DDR flash memory. The scheduled points are automatically downloaded to the terminal memory during the network idle period, reducing the network burden. On-demand programs are stored while playing, and the system will play according to the frequency of playback. A comprehensive algorithm is used with the last played program to ensure that there is enough space in the memory. When the network is unavailable, the scheduled program will be played normally. After being downloaded to the memory and played again, it will no longer occupy traffic;
5. Video command linkage: compatible with Hikvision and Dahua third-party cameras, and the camera content can be viewed in real time through the host software;
6. Supports the microphone TALKOVER function, which effectively solves the problem that digital signals cannot be mixed with analog signals such as microphone speech when broadcasting the system timing program;
7. Supports the fire alarm forced insertion function. When the system receives the fire signal and enters the alarm mode, the terminal is forced to broadcast the preset fire voice at the maximum volume;
8. One-line multi-purpose: Standard RJ45 interface, it can be connected to places with Ethernet ports, make full use of existing network resources, avoid repeated erection of lines, and truly realize multi-network integration of broadcasting, computers, and monitoring networks
9. Built-in network isolation and lightning protection processing circuit, supporting 15KVESD protection;
10. The power amplifier has a fade-in and fade-out function, so the music will not be suddenly loud when it starts, achieving a smooth transition effect;
11. Built-in environmental sound monitoring module for users to choose;
12. Energy-saving noise reduction processing circuit, automatically enters a dormant low-power consumption state when there is no signal input.
13. Built-in 2 x60W (MAX) dual-channel digital power amplifier, one way is connected to the main horn, and one way is externally connected to the auxiliary horn through the industrial standard crimping terminal