



# Audio Encoder

## TX-8671-32



### Description:

It adopts self-developed data transmission technology to realize high-quality audio collection and transmission. It works with speech-to-text APP to realize role separation function, and supports RS232 to switch and identify each channel. It is suitable for multi-channel audio collection.

### Feature:

- \* Embedded computing technology and DSP audio processing technology, high-speed industrial chips, the start-up time is less than 1s.
- \* Based on the 3-layer network transmission technology, it is compatible with standard network protocols such as DHCP, TCP, UDP, ICMP, IGMP, ARP, etc.. It realizes the \* network transmission of 16-bit CD-quality audio signals.
- \* Compatible with any network structure such as routers, switches, bridge gateways, Modem, Internet, multicast, unicast, etc.
- \* It has 32-channel input interface and supports 32-channel audio balanced input collection.
- \* Support the integration with ITC digital conference system, and supports 4096 role separation in the mixing mode.
- \* Support independent adjustment of volume value configuration for each channel.
- \* Support two encoding transmission mode options: FIFO mode/mixing mode.
- \* Support serial port RS232 to control each channel and channel name label
- \* Support configuration of automatic detection of each channel, automatic collection of audio upload server.
- \* Support online firmware upgrade. No need to disassemble the machine, the firmware can be upgraded through the LAN , Which will reduce the maintenance work.
- \* Digital products, easy to expand, no geographic location limitation. It adopts the design concept of shared network and free line construction, so it is easy to install.

### Specification:

Model	TX-8671-32
Network Interface	Standard RJ45 network port
Serial port	RS232 serial port (db9 female interface)
Audio port	Phoenix terminal
Number of audio channels	32 channels
Transmission rate	100Mbps
Protocol	Compatible with standard network protocols such as DHCP, TCP, UDP, ICMP, IGMP, ARP, etc.
Sampling rate	16kHz
Input sensitivity	350mVrms (balanced input)
THD	≤0.1%
Frequency response	20Hz~20kHz +1/-3dB
SNR	≥75dB (A)
Channel isolation	≥70dB
Operating temperature	-10°C~+55°C
Operating environment humidity	20%~80% relative humidity, no condensation
Power consumption	≤25W
Power supply	100-240VAC, 50-60Hz
Dimension	484*298*44mm
Weight	2.4Kg