



Audio Collector

Embedded software: ultra-low latency collector embedded software V5.71

TX-8770



Description:

It is specially designed for external analog audio signal acquisition of cultural and tourism system. The analog audio can be captured and encoded into digital audio, and be transmitted to designated area terminal for playback via network.

Feature:

- * Aluminum housing, exquisite and elegant appearance, solid structure.
- * Based on 3-layer network transmission technology, compatible with standard network protocols such as DHCP, TCP, UDP, ICMP, IGMP, ARP, etc.
- * Adopt 48kHz sampling rate and lossless collection, support the collection of mixer or third-party audio sources, to meet various audio source collection requirements.
- * Support equipment management through PC client software, view system equipment information, equipment status in real time, and set equipment parameters (IP address, equipment name, etc.).
- * Support automatic IP acquisition, support DHCP dynamic and static IP configuration methods.
- * Support the editing of acquisition and broadcast tasks through PC client software, and realize the playback of collected audio sources on designated network terminals.
- * Realize end-to-end transmission with extremely low latency (5ms), and support "zero" delay broadcast for any partition.
- * Equipped with 2 RCA lotus socket single-ended input ports and 2 Phoenix terminal balanced input ports, which can be configured as microphones with self-acquisition gain, and can be flexibly adapted to a variety of different audio equipment.
- * With 4 short-circuit inputs, support flexible custom functions, can realize short-circuit collection, alarm triggering, and linkage applications of third-party equipment and platforms such as fire protection and monitoring.
- * With 1 RS485 interface, support Modbus protocol, support flexible custom extension functions, and can be connected to third-party equipment and platforms.
- * Support remote firmware upgrade, firmware upgrade can be carried out through LAN without disassembling the machine, reducing maintenance personnel work.

Specification:

Model	TX-8770
Network interface	Standard RJ45
Transmission rate	100Mbps
Support protocol	DHCP, TCP, UDP, ICMP, IGMP, ARP and other standard network protocols
Rated input	LINE IN1/IN2: Balanced input 0dBu LINE IN3/IN4: Single-end input 0dBu
Frequency response	20Hz~20kHz, +1dB/-1dB
SNR	≥80dB(A)
Channel separation	≥95dB, @1kHz
THD	≤0.05%
Power consumption	<20W
Operating voltage	DC24V
Working temperature	-10°C~+55°C
Working humidity	20%~80% relative humidity, no condensation
Size (L×W×H)	187mm×97mm×23mm
Weight	0.45kg