IP Terminal T-7805A

Embedded software:

Luna cloud-based terminal embedded software V2.0

Description:

It is installed in rooms, classrooms, guest rooms and other places that need fixed-point control for program broadcast and local broadcast.

Features:

* Network decoding terminal, professional wall-mounted design, convenient installation.
* 4.3-inch true color LCD screen, graphical interface display, and infrared remote control for more flexible operations.
* Graphical volume adjustment interface to adjust the volume of network programs, local MIC, and local AUX.
* Real-time display of program playback, timed broadcast, equipment operation, IP address, MAC address and other status information; support stopping the program playback with one key.
* The Luna cloud-based server has high security and excellent stability, and supports 7 × 24 hours of continuous work.
* Rich network access methods, including DHCP automatic allocation access, ADSL smart dial-up access, fixed IP address access, etc.
* Built-in two output amplifier modules with 30W (MAX) constant resistance, fine sound quality and strong power.
* Support intelligent power saving and pre-power on management, realize system energy saving, and ensure reliable and stable operation of the controlled equipment.
* Built-in 8GByte SSD, support remote management on the server, support background download in limited network speed or automatic download during idle time, reduce the burden of the network; the media library files support offline automatic playback function.
* Integrated USB and Micro SD (TF) card interfaces, support up to 4T USB storage devices and 128G/SDXC card, achieve local playback of the audio files, and can broadcast on demand the contents of USB, TF card and media library on the terminals within the authority scope.
* Integrated 24Bit professional sound card, enabling enthusiast audio playback; audio stream is up to 768kpbs.
* 1 AUX audio input, 1 group of MIC inputs, 1 EMC emergency input, built-in digital pre-amplifier, support user-defined priority rank; 1 monitoring MIC can achieve equipment self-test, environment monitoring and personnel assessment, etc.
* Built-in 1 Line out independent audio output, realize sound reinforcement with external amplifiers; support standard headset interface, realize audio monitoring, headset microphone sound reinforcement, etc.
* 2 short-circuit outputs, 2 short-circuit inputs, flexible customized functions; can realize the functions of short-circuit acquisition, alarm triggering, local media library music playback, sending messages and emails, and pop-up prompts; can realize electronic lock, fire control, monitoring and other linkage applications of the third party equipment and the platform.
* Communication protocol: TCP/IP, UDP, IGMP (multicast), IETF SIP; audio format: MP3, WMA, WAV.
* Support short-circuit restoring the factory settings, which is convenient for system maintenance and management to the greatest extent.
* Support the switching of multiple users, support customized user function permissions.
* Support viewing equipment status and managing equipment information through the system background WEB.
* Wide voltage power supply of mains + DC24V standby power supply with zero switching time provide the best energy supply for the 7×24 hours of continuous work of the terminal.
* Support the PA system remotely upgrading the terminal firmware, without the need to upgrade the terminal locally, reducing the work intensity of maintenance personnel.
* With sound pressure trigger function, when the detected volume continues to exceed the preset range of sound pressure, according to the preset program, the designated terminal can be automatically triggered to play local media library music, send pop-up prompts and emails, etc.

Specification:

Model	T-7805A
Network interface	Standard RJ45 input
Transmission rate	100Mbps
Communication protocol	TCP/IP,UDP,IGMP(multicast), IETF SIP
Audio format	Mp3, WMA, WAV
Sampling rate	8K~48KHz
AUX input	1 group
AUX sensitivity	350mV
MIC input	1 group
MIC sensitivity	5mV
Line output	1 group
Line output level/impedance	1000mV/470Ω
Monitor MIC	1 group
Monitor MIC sensitivity	10mV
EMC input	1 group
EMC sensitivity	775mV
USB	Support up to 4T USB device; load <0.1A
SD	Support up to 128G / SDXC card
Headphone output interface	3.5mm interface
Headphone load	32Ω
Power supply	~190~240V 50-60Hz power adapter; DC24V/3A
Power consumption	≤70W
Standby power consumption	<3W
Frequency response	80Hz~16KHz -3dB/+1dB
THD	≤1%
SNR	>65dB
Short circuit input	0V/3.3V, support dry contact input
Short circuit output	Maximum 1A/30VDC dry contact output
Working temperature	5°C~40°C
Working humidity	20%~80% relative humidity, no condensation
Size	170×134×45mm
Net weight	0.93Kg