



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.
- * Supports short-circuit triggering of customized execution tasks, which can realize local media playback, local receiving channel broadcasting, fire alarm, recording, text messaging, email sending, and pop-up reminders.

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