SIP-T300

Audio Gateway T300 is a SIP broadcast module carefully developed for the specific needs of industrial broadcast users, which uses the international standard IP/ RTP/ RTSP protocol for media streaming. The module integrates a variety of functional interfaces, covering broadcast, real-time acquisition, two-way intercom and other functions.

With its excellent adaptability, the T300 audio gateway can meet the needs of a variety of complex use environments, and users can quickly deploy and configure devices. Its compact size makes the T300 audio gateway ideal for customized applications in a variety of integration projects, providing a flexible and efficient solution for broadcast communication systems.

Advantages of equipment

Small and exquisite, can be embedded in other equipment installation

Supports single-key direct call to the dispatching console

Linein Audio input interface
3.5mm standard audio interface, plug and play

Line out -Audio output interface
Extensible external active speaker interface

10W~30w mono power amplifier output
Adapt the output power according to the input voltage

100 Megabit Ethernet - Adaptive 10/100 Mbps network port
Provides fast network transmission and supports PoE power supply

LV Switches Inc.

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Official website

WeChat public account

Basic function

• 2 SIP lines

• Speed dial

• IP address for voice broadcast

• MP3 radio

• Supports custom DSS key interfaces

• Support mono active speaker

• Supports audio line input

• Power over Ethernet

Device function

• Default Auto answer (Auto answer)

• User-defined DSS key

• Key or remote volume control

• Network time synchronization

• Dynamic multicast function

• Action URL/ Active URL

Phone function

• Dial/ answer

• Call waiting

• Intercom function, multicast

• Speed dial

• Anonymous call

Configuration and management

• Auto-Provisioning through FTP/ TFTP/ HTTP/ HTTPS/ DHCP OPT66/ SIP PnP/ TR-069

• Web management interface

• Export/ import the configuration of Web-based Packet-dump

• upgrade the sofware

• Configuration import/export

• Syslog

Audio characteristic

• Narrow band coding: G.711A/U, G.729A/B, G.726-32K

• Wide band coding: G.722

• Duplex intercom, support AEC

• DTMF: In-band, out of band (RFC2833/SIP INFO)

Network characteristics

• 10/100 Mbps Ethernet

• IP mode: IPv4/IPv6/IPv4&IPV6

• IP Acquisition mode: static IP setting/ DHCP

• VPN: L2TP/OpenVPN

• VLAN

Related agreement

• SIP V1 (RFC2543),V2 (RFC3261) over UDP/TCP/TLS

• ORTP/RTCP/SRTP

• STUN

• DHCP

• IPV6

• L2TP

• OpenVPN/SNTP/FTP/TFTP/HTTP/ HTTPS

• TR-069

Temperature&humidity

• Working temps: -20℃~50℃

• Storage temp: -30℃~60℃

• Working humidity: 10~95%

Power

• DC input: DC12V~24V/2A

• PoE level: Class 4

• PoE power consumption:1.85W~10.8W

• Adapter power consumption: 1.1W~8.5W

Gateway keys

• 3 physical keys including 2 sound controls and 1 reset key (soft reset)

Gateway interface

• DC interface *1: Connects to the power

• RJ45 interface *1: Connects to the Internet or LAN, support PoE power over Ethernet

• Indicator light*1: SIP status and net status

• Headphone jack*1: 3.5mm standard audio interface

• Audio output interface*1: Connect the active speaker.

• DSS key interface*1: Connection speed dial key (support with light)

• 4Pin Access control interface *2: Connect access control switches and support the control lights

• Microphone input interface *1: Connect the MIC

- It is recommended to use electret condenser microphone.

- Sensitivity: -38dB

- impedance 2.2K0hm,

- bias voltage 2.54vpp

- Interface: Plug-in terminal blocks

• Passive speaker interface *1: Connect speakers.

- Output power :42, PoE/10W, 12V/10W, 1 8V/20W, 24V/30W depends on the power .

- Wire diameter: 18AWG or larger

- Interface: Plug-in terminal blocks

• Audio files are broadcast offline

Physical specification

• Quantity/box: 20PCS

• Net weight/box: 6.6kg

• Gross weight/box: 7.12kg

• Installation mode: desktop/wall mounted

• Color: dark gray

• Product size: 156mm x 117mm x 33mm