TERRACOM™

TERRA-DS — VANDAL-PROOF IP DOOR STATION

SIP-BASED AUDIO OVER IP

CHARACTERISTICS

- Full duplex intercom with Noise Reduction
- Web browser interface for device management and monitor
- SNMP (Simple Network Management Protocol) for device management on IP networks
- Stainless steel front panel
- Built-in condenser microphone
- Built-in loudspeaker (2.5W)
- 1 to 4 push-to-talk buttons on the front panel
  TERRA-DS1 = one-key button
  TERRA-DS2 = two-key buttons
  TERRA-DS3 = three-key buttons
  TERRA-DS4 = four-key buttons
- Support SIP based call
- 4 contact inputs and 2 contact outputs
- PoE or 24 VDC power supply (if PoE is not available)
- Power consumption: 3.12W
- Weight: 1.77 lbs (808g)
- Dimensions (D x H x W): 1-3/8" x 8-3/5" x 4-3/10"
  (35 x 220 x 110 mm)

Function	Supported Audio Codec
SIP	G.711 ulaw, G.711 alaw, G.722, G.726-32, G.727-32, G.729, PCM16K
SHOUTcast icecast	G.711 ulaw, G.711 alaw, G.722, G.726-32, G.727-32, G.729, PCM16K, MP3, PCM16K
Stream	G.711 ulaw, G.711 alaw, G.722, WAVE, MP3, PCM16K
Record	G.711 ulaw, G.711 alaw, G.722, WAV, MP3

ORDERING INFORMATION

TERRA-DS1	Flush-Mount IP Door Station Intercom Unit (mic/line-IN x 1, speaker-OUT x 1 & button x 1, button ext. port x 1, relay output contact x 2)
TERRA-DS2	Flush-Mount IP Door Station Intercom Unit (mic/line-IN x 1, speaker-OUT x 1, button x 2, button ext. port x 1, relay output contact x 2)
TERRA-DS3	Flush-Mount IP Door Station Intercom Unit (mic/line-IN x 1, speaker-OUT x 1, button x 3, button ext. port x 1, relay output contact x 2)
TERRA-DS4	Flush-Mount IP Door Station Intercom Unit (mic/line-IN x 1, speaker-OUT x 1, button x 4, button ext. port x 1, relay output contact x 2)

TERRACOM SYSTEM

The TERRACOM audio communication, messaging and intercommunication platform is a suite of products designed to transmit live audio paging, stored messaging, background music, 2-way intercommunications, control input/output triggers, and audio monitoring over TCP/IP. The TERRACOM range supports POE (Power over Ethernet), and/or can be powered locally with external 24VDC power supply. The network infrastructure of TERRACOM uses any existing network, and via a router will allow connection to the Internet for transmission and control.
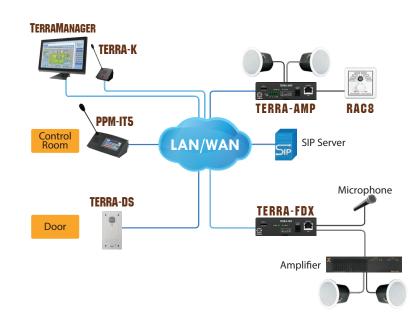
A built-in web browser interface allows simplified control and programming of the TERRACOM devices. In addition, by using the TerraManager GUI-based control software, call-paging, full duplex intercom, paging groups, zones selection, audio routing, recording, event scheduler, device I/O monitoring and other control functions and device management can be easily programmed and operated.

The TERRA-DS is a wall-mount SIP/IP door station for intercom solutions, featuring high quality hands-free SIP/IP communication. Additionally, the contact inputs/outputs on the TERRA-DS allows for electronic door/gates lock down.

The TERRA-DS supports paging with unicast, multicast, broadcast, as well as AEC (Acoustic Echo Cancellation) and NR (Noise Reduction).

APPLICATIONS

The TERRACOM range of devices can be utilised within a variety of applications for real time broadcasting, intercommunication, music playback etc. whilst additionally allowing integration with logic control for light, curtain, TV or air conditioning on/off via RS232, RS485 or Ethernet.

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