



TERRA-IEX

FULL-DUPLEX AUDIO OVER IP IN/ EXSTREAMER

TERRA-IEX CHARACTERISTICS

- 2 Mic/line balanced inputs
- 2 independent balanced line outputs
- 1 headphone output on mini-jack
- 1 S/PDIF Transceiver - optional
- Audio inputs/outputs: maximum level +5 dB, bandwidth 20 Hz ~ 20 kHz
- PoE or 24 VDC power supply (if PoE is not available)
- G.711, G.722, G.726, G.727, G.729, MP3 audio codec and AAC+ decoder
- Web-browser interface for device management and can be accessed by end users
- SNMP(Simple Network Management Protocol) for device management on IP Networks
- 1 x optional USB 2.0 interface for music, message and recording
- Internal 80MB storage for recording, message storage
- Power & Status LED indications
- IR receiver – optional
- 3 x contact inputs
- 1 x contact output
- RS232/RS485 on Euro Block
- Power consumption: 3 W
- Weight: 434g (0.95 lbs)
- Dimensions (DxHxW): 104mm x 32mm x 109mm (4" x 1-1/4" x 4-3/10")



As a new level of Inter-company Audio & Communication System; TERRACOM presents an innovative IP/SIP based intercom system that has NO centralized equipment or matrix. The network itself is the switching matrix over local network and internet. TERRACOM also communicates with traditional phone and IP phone systems over network. It can be easily configured using a standard web-browser, TERRA Manager or TERRA Server that is suitable for system management, such as configure and monitor all system devices; as well as other functions including music streaming, internet paging, remote control and message routing ...just to name a few.

TERRACOM devices are equipped with G.711, G.722, G.726, G.727, G.729, MP3 audio codec, S/PDIF encoder (RAC Coaxial or Optical) and AAC+ decoder, paging with unicast, multicast and broadcast, implemented with AEC (Acoustic Echo Cancellation) as well as NR (Noise Reduction) technologies, power supplied via PoE and/or AC/DC power adaptor and event scheduler for audio and messages control.

TERRA-IEX is a 2 channel audio over IP encoder/decoder operating as an audio source for IP network. 2 independent balanced outputs are provided for full-duplex communication. USB memory playlist back up of the decoded stream.

Applications

TERRA devices can be applied in hotel, airport, train stations, yachts, education institution, retail store, factory and stadium for real-time broadcasting, intercommunication, music playing, etc. For broader use, "Integration Automation with Home & Office Appliances" using user interfaces for on/off logic controls on lights, curtains, TV or air-conditioning over network or RS232/RS485.

