TERRACOM

SIP-BASED AUDIO OVER IP

AUDIO ON A WHOLE NEW SCALE

PENTON

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Terracom

Terra-Com is the new standard in Audio Communication Systems as an integrated IP/SIP based paging and intercom system that communicates over Layer-3 on the LAN/WAN without the need of a centralized server. Terra-Com devices are all HTML browser-based for programming,, connect to the facility's managed switch, and are PoE or 24VDC powered, which provides flexibility and easy deployment. In addition to Terra-Com's ability to stream audio over the LAN/WAN, Terra-Com seamlessly communicates with telco paging, school intercom, and analog/VoIP phone systems, to create a truly integrated facility communication system.

Terra-EX

Audio IP/SIP Decoder (PoE/24VDC)

- Stereo Line Output x 1 or Mono x 2, Headphone Output x 1
- Control Logic Input x 3, FORM-C Relay Output x 1, RS232 x 1
- Optional USB Port— 80Mb of Internal Audio Storage and Recording
- Built-in Scheduler

Terra-IEX

IP/SIP Encoder/Decoder Module (PoE/24VDC)

- Stereo Line Input x 1 or Mono x 2, (Mic x 1, Line Level x 1)
- Output x 1 or Mono x 2, Headphone Output x 1, S/PDIF Real Time Encoder (RAC Coaxial /Optical Optional Feature) Control Logic Input x 3, Control Output x 1, Euro-Block RS232
- Optional USB—80Mb Internal Audio Storage/Recording
- G.711, G.722, G.726, G.727, G.729, MP3 Audio Codec and AAC + Decoder
- Built-in Scheduler

Terra-FXO

Full Duplex Telephone/IP Converter (PoE/24VDC)

- Dual Analog Telco to SIP Converter—LINE and SET RJ11 x 2, Euro-Block RS232 Serial
- 80Mb Internal Audio Storage/Recording
- Programmable Call Lists—Built-in Scheduler
- Auto-Answer Analog Ringing CO/Station Line
- Programmable DTMF Codes for SIP Paging Over IP

Terra-EXA

Audio IP/SIP Decoder With 20W x 2 Amp

- Stereo Input x 1 or Mono x 2, Dual 20W Audio Outputs   Each @ 8ohms
- 24VDC, 0.5A Plug-in Power Supply Included
- Logic Control Inputs x 3, Relay Control Output x 1Optional
- USB Port—80Mb Internal Audio Storage/Recording
- Built-in Scheduler

Terra-AMP

Compact Encoder/Decoder with 15W x 2 Amp (PoE/24VDC)

- Mic/Line Input x 1 or Stereo Line Input (3.5mm Socket) x 1
- Line Output Mono x 2 or Stereo 1, 15W Amp Output x 2
- Control Input x 3, Control Output x 2, Euro-Block RS232
- Optional USB Port— 80Mb Internal Audio Storage/Recording
- G.711, G.722, G.726, G.727, G.729, MP3 Audio Codec and AAC + Decoder
- RJ-9 Plug for Optional Handset, 3.5mm Socket for Earphone Mic Headset
- Full Duplex Intercom
- Built-in Scheduler

Terra-FDX

Full Duplex Audio Encoding Decoding IP Streaming (PoE/24VDC)

- Mono Input x 2 (MIC x 1/Line x 1) or Stereo Line x 1
- Contact Input x 3, Contact Output x 2, RS232 x 1 (Euro Block)
- Optional USB—80Mb Internal Audio Storage/Recording
- G.711, G.722, G.726, G.727, G.729, MP3 Audio Codec and AAC + Decoder
- Full Duplex Intercom with AEC and Noise Reduction
- Built-in Scheduler

Terra-IO

Logic Control Over IP (PoE/24VDC)

- Logic Control Inputs x 8, Logic Control Output x 8 for Terra-Com Device Extension with Built-in Scheduler
- Simple Network Management Protocol (SNMP) for Device Management on IP Networks
- Euro-Block RS232

Terra-Manager

Customer GUI age/Control Software Suite

- Create Custom Screens for Paging, Logic Control/Monitoring, and more
- Built-in Intuitive Scheduler
- Flash Recording, Virtually Unlimited Message Storage
- Activity Log and Device Status Monitoring

Terracom

Terra-EX

Full Duplex Door Station Over IP

- Security Rated Stainless Steel Front Plate and Buttons
- 1— 4 Programmable Call Buttons (DS1, DS2, DS3, or DS4)
- PoE or 24VDC Powered
- Programmable Control Logic Outputs x 2
- Full Duplex Intercom with Internal Speaker and Microphone
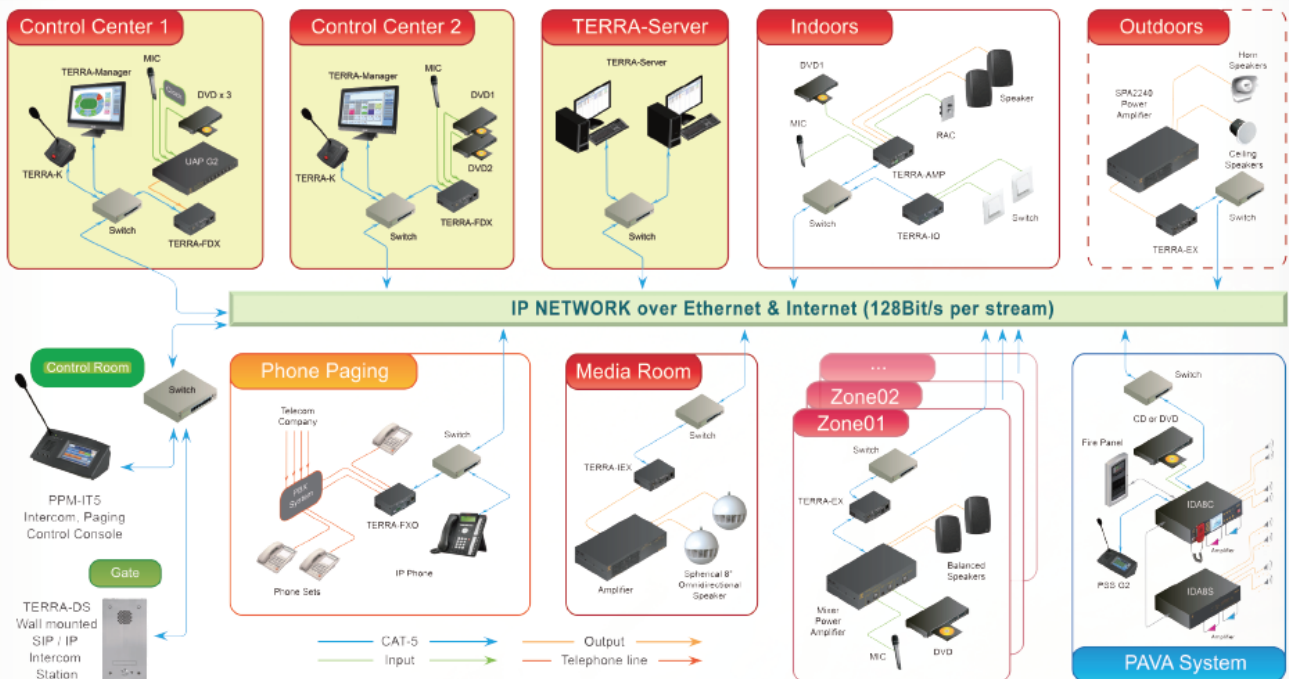- Electronic Kits Available for Customized Door Phone Configurations

PPM-IT5

Touch-Screen IP/SIP Paging/Intercom/ Control Console (PoE/24VDC)

- 80Mb Internal Audio Storage/Recording
- Full Duplex Intercom with other PPM-IT5, DS, FDX, IEX, FXO, and AMP Modules
- 9" Gooseneck Mic, Optional Flush-Mount Condenser Mic, 3 Programmable Hard Feature Buttons, Built-in Jacks for External Headset/Mic
- Full Duplex Intercom with AEC and Noise Reduction

Terra-TK

IP/SIP Desk-Top Microphone with PTT Switch (PoE/24VDC)

- Works Independently as Single Target IP Paging Microphone
- Works with Terra-Manager for Live Paging, Intercom, Message Preview, Flash Recording
- G.711, G.722, G.726, G.727, G.729, MP3 Audio Codec and AAC + Decoder
- Full Duplex Intercom with Built-in Speaker, AEC and Noise Reduction
- PoE or External 24VDC Powered (Supply Included)

INSTALLATIONS & APPLICATIONS

Simple & Medium-Sized Systems

Stores (Restaurants, Shopping Malls)

Office / Industrial Buildings

Hotels / Churches/ Arenas

University Campus

K-12 Education Institutions

Fully Integrated Large-Scale Systems

Transportation (Railways, Subways, Airports)

Museums / Theme Parks

High-Rise Buildings

Military Installations

Government Complexes

Terracom

THE ADVANTAGES

Streaming
Easily stream announcement (BGM/Messages) locally/globally via LAN/WAN

Paging
Easily arrange paging solutions, play messages or chimes via your PC

Intercom
Easily jump on an intercom call when needed

Music Steaming
Easily share the music playback locally/globally

In-Stores
Easily pre-arrange music playback, radio channels, messages

Device Monitoring & Central Control
Easily configure and monitor all system devices with your PC

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LEADING THE WAY

WITH

INNOVATION

PENTON

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