IP PA and Intercom System

Desktop and Surface Mount IP based PA and Intercom system.

- Central software manages system with digital voice quality
- Zones extend over networks and span the Internet
- Supports 1000’s of stations, without head-end hardware
- Highly configurable zone template mapping
- Powerful integrated amplifier provides loud, crisp quality
- Interface to analog overhead loudspeakers
- Fast to deploy, easy to maintain
- Audio monitoring and intercom capability at any end-point
- Patent pending Digital Acoustics® technology

ii3 EDW Intercom Specifications

Hardware Protocols TCP, UDP, IP, ARP, ICMP, Ethernet MAC
Network Interface 10/100 Base-T Ethernet (Auto detection) RJ-45. Optional network dual ports.
IP Address Assignment Static or Automatic via DHCP
SoftSwitch capabilities User defined, programmable, bi-directional
SoftSwitch interface 3 non-isolated 5v HC-CMOS type I/O (GPIO)
LED Indicators (4) Active, Link, Monitor & Talk (Default), Programmable
Audio Sample Rate 8 kHz (Voice band)
Audio Buffers 4KB TX and RX
Internal Amplifier 2w Max @ 4 ohms
Microphone sensitivity -42db integrated electret
Microphone AGC 37db with limiting and automatic leveling

Transport Bandwidth ~80kbps over TCP/IP per session
Temperature / Humidity 0 C ~ 70 C (Operating), -40~85 C (Storage) / 10~90%
MTBF MIL-STD-785B (Calculated) on ii3-M = 1.1M Hours
Power 7.5-9 VDC ext. (300MA min) 2.1mm connector - Tip positive
Audio I/O Connector types 3.5mm Mic In, 3.5mm Speaker Out
Size 5.3 in x 4.0 in x 1.35in (135mm x 102mm x 34mm)

Models:
- Desktop, white EDW-110 / 220 / PoE
- Surface mount, white ESW-110 / 220 / PoE
- Desktop, white, 2-port EDWX-110 / 220 / PoE
- Surface mount, white, 2-port ESWX-110 / 220 / PoE
Also available in black

TalkMaster-LE
Full featured Software Support for Intercom and Paging

- Manage ii3 Intercoms from any PC. Easily configure Intercoms, control communications and archive audio files. TalkMaster-LE software is included with the purchase of any ii3 IP Intercom and makes for a total monitoring solution.
  - Selective or master call to page all stations
  - Master control and auto detection (integrated UDP polling)
  - Remote door release and GPIO control
  - Record, log and archive audio sessions
  - Audio file playback (.WAV)
  - Remote and local digital volume control
  - Supports primary and secondary consoles

TalkMaster’s easy to understand screen controls provide Talk or Listen functions, manage incoming intercom calls (via a call queue), play pre-recorded files and communicate to one, or a group of ii3 IP Intercoms or paging stations. Administrative options include the use of an on-board digital audio recorder (DAR) for optional recording of conversations. Relay control, transfer capabilities and patent-pending redundancy functions add additional functionality and reliability.