

# i.Net

## IP TRANSMITTER & RECEIVER ENCLOSURES

MODEL G62470-IN / G62471-EX



### FUNCTION

The IP Transmitter & Receiver Enclosures work together for building to building communication. The IP Transmitter Enclosure captures the audio & data signals from the data cable and transmits them over IP to the IP Receiver Enclosure. The IP Receiver Enclosure then injects the data and audio into the data cable in the remote area or building. Multiple Receivers can be connected to the same Transmitter to connect multiple arears or buildings.

### ENCLOSURE

- + Aluminum Housing
- + Dimensions – 20"H x 16"W x 6"D
- + single hinged door with lock and key
- + wall-mount
- + 16-gauge steel
- + 30 lbs.
- + UL508A (USA and Canada)
- + NEMA type 4
- + IP66

### ELECTRICAL

- + 85-264 vac 50/60 Hz
- + wiring to internal junction box
- + 25W max
- + 85 BTU max

### OPERATING ENVIRONMENT

- + 32 to 122 deg. F
- + 0 to 70% relative humidity (non-condensing)

### INPUTS/OUTPUTS

- + Data Cable CAT 5e RJ45

# PRODUCT SHEET & SPECIFICATIONS

## FEATURES AND BENEFITS

### TRANSMITTER

- + MP3 Encoding (low Latency).
- + Audio Level Supervision with SNMP Trap generation.
- + IP Streaming
- + Line Level Input

### RECEIVER

- + MP3, linear Decoding.
- + IP Streaming
- + Line Level Output

## SPECIFICATIONS

### TRANSMITTER

#### - ETHERNET

- + RJ45, 10/100Mbps auto, Link & Activity LEDs
- + Protocols: TCP/IP, UDP, RTP, DHCP, SNMP, SIP
- + AutoIP, SonicIP, IPZator to ease address assignment

#### - AUDIO INPUT

- + RCA connectors, 4Vpp max. level
- + Frequency range 20Hz.. 20kHz (-3dB)
- + Dynamic range tbd, tbd, THD <tbd% (-3dBFS)
- + Input signal attenuable by software setting

#### - AUDIO FORMATS

- + MP3, encoding/decoding up to 192/320kbps
- + VBR and CBR support
- + PCM16bit@8,16,22.05,24,32,44.1,48kHz

#### - OPERATING ENVIRONMENT

- + Standard 0°C to +50°C / 32 to 122°F
- + 0 - 70% relative humidity, non-condensing

### RECEIVER

#### - ETHERNET

- + 10/100Mbps auto,
- + RJ-45 connector with integrated Link/Activity LED
- + Protocols: TCP/IP, UDP, RTP, SIP, DHCP

#### - AUDIO OUTPUT

- + Line level output, 40..60 Ohm output impedance .Output level software controllable
- + Full scale output voltage: 5.6 dBu, 4 Vpp
- + Dynamic range 87 dB
- + SNR/THD -87 dB, <0.05%

#### - AUDIO FORMATS

- + MP3 CBR/VBR, up to 320kbps, 8..48kHz sample freq
- + AAC, AAC plus, AAC-HE (AAC plus V2)
- + PCM16bit@8,16,22.05,24,32,44.1,48kHz
- + WMA (up to version 9), Ogg Vorbis

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