

IPG-8T

IP RELAY TRANSMITTER



The IPG-8T is the transmitter used in an IP Contact Relay system used when you want to transmit up to 8 switch contacts or relay contacts over an IP network.

This unit monitors contact input information and transmits 8 switch contacts over any IP network or LAN to a matching receiver called IPG-8R. The receiver unit has a separate relay output to indicate the loss of the network connection for high security applications.

The embedded device server uses 10/100Mbit Ethernet protocol, auto sensing, stable field proven TCP/IP protocol, easy configuration through a web interface or by direct Ethernet cable connection, Password Protection capable and Bi-Color LED indicators for Link status, speed, and activity.

The unit has a standard 8P8C network cable connection to send the IP relay contact information over the network. The signals generated by the IPG-8T transmitter will go anywhere on the network using TCP/IP protocol, so you can position this receiver anywhere an Ethernet signal is available to link to the receiver IPG-8R.

The matching IPG-8R unit at the other end of the network mirrors the input switch condition applied to the IPG-8T transmitter unit, so that when a switch opens on the transmitter, a relay output opens on the receiver. The IPG-8T unit can invert the operation of the relays in the receiver by setting an on-board jumper selector.

The transmitter is housed in a black ABS enclosure that has a UL flame rating of 94-VO and is powered by a 12VDC power cube.

CONTACT SWITCH INPUT

Channels
Connectors
LED Indicator
Loop Resistance

SPECIFICATION

8
2 Pos. Screw Terminal X 8
Green Power On
0 - 300 Ohm = ON

NETWORK CONNECTION

Data Speed
Protocol
Connector
P.O.E.
Data Rate
Bi-Color LEDs

10/100Mbit (Auto-Sensing)
TCP/IP
8P8C (RJ45)
Not Used (Terminated)
9600 Baud (Relay Data)
Activity and Transmission Status

MECHANICAL

Size
Power

5.50"L x 4.3"W x 3.0"D
12VDC 300 mA

This unit requires an IPG-8R unit at the far end of the network to receive the data signal and operate output relays.



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IPG-8R
IP RELAY RECEIVER