IP4x4TX-RX

4 RELAY CONTROL ON NETWORK IP

The IP4x4TX-RX is a relay control system that puts four switch-controlled relays onto any IP network using a standard TCP/IP signal. This system is used to implement relay access control, emergency push buttons, industrial controls, or any relay control requirement anywhere an IP network connection is available. One Transmitter unit and one receiver unit are connected anywhere in a network where switch inputs and relay outputs are required. The pair of transmitter and receiver units are installed the same way any other IP network device is installed using a reverse network cable for direct connection to each other, or a straight IP cable for connection to a network switch.

Say you want to have a push a button to open a gate with a relay or control some other device out in the network, you can do this with as many as 4 different relays in one direction.

The units have LED indicators for both the input switch signals and the relay output signals to monitor the status of all incoming and outgoing signals. The relay outputs can be set for normally open or normally closed contacts to work with any external equipment requirements. It is powered by 12 Volts DC.

For added security the system has a "system alarm" relay and LED to indicate loss of communication between the two units caused by a signal disconnect, cable failure, or power loss at either end of the system. You get both transmitter and receiver with power supplies all included when you order the IP4x4TX-RX. You can also order this unit with supervised alarm contacts for even greater security at no additional cost. When ordering a supervised system, specify the loop resistance and order part number IP4x4TXS and IP4x4RXS. The IP4x4TX-RX does not use "P.O.E. and these lines are un-used.

IP4x4TX Transmitter

SWITCH INPUT	SPECIFICATIONS
Contact Input Connectors	2 Position Screw Terminal (4 inputs)
RC Loop "Supervision"	Optional Please Specify

NETWORK CONNECTION

Data Speed	10/100Mbit (Auto-Sensing)
Protocol	TCP/IP
Connector	8P8C (RJ45)
P.O.E.	Not Used (Terminated)
Data Rate	9600 Baud (Relay Data)
Bi-Color LEDs	Activity and Transmission Status

MECHANICAL

Size	5.50"L X 3.3"W X 2.0"D
Power	12 VDC 300mA
Power cube	12 VDC (1 included)

IP4x4RX Receiver

RELAY OUTPUT	SPECIFICATIONS
Contact Output Connectors	2 Position Screw Terminal (4 outputs)
System Alarm Connector	2 Position Screw Terminal (1 output)
RC Loop "Supervision"	Optional Please Specify

NETWORK CONNECTION

Data Speed	10/100Mbit (Auto-Sensing)
Protocol	TCP/IP
Connector	8P8C (RJ45)
P.O.E.	Not Used (Terminated)
Data Rate	9600 Baud (Relay Data)
Bi-Color LEDs	Activity and Transmission Status

MECHANICAL

Size	5.50"L X 3.3"W X 2.0"D
Power	12 VDC 300mA
Power cube	12 VDC (1 included)

IP4x4TX-RXspc