

## SUBMITTAL



## TCIP/IP Network Device

### DESCRIPTION

The **TCIP** is an external Ethernet Server device, which is designed to connect the *ZonexCommander*, *Zonex-Commander (Plus)* and *ModCom* DDC systems through the Internet or Ethernet networks. The TCIP device interfaces the serial RS 232 connection from the Zonex control systems to Ethernet using TCIP/IP protocol.

With the TCIP device, connection can be made through a network system or remote connection via the Internet. System status can be monitored, as well as changes made to thermostat setpoints, Occupied and Unoccupied schedules, etc. The TCIP is also used for the temperature trending operation.

See ZCMAN Installation Manual for more information.

The TCIP is easy to install and configure. It is provided with a plug-in style power supply, serial RJ11 cable, RJ11 to serial adapter, configuration software and simple to follow set-up instructions.

The TCIP may be ordered as an option by itself for any of the three ZonexCommander DDC systems. They can also be ordered in part numbers: **CETCIP** (*Zonex-Commander*), **ZPTCIP** (*ZonexCommander (Plus)*), and **MODTCIP** (*ModCom*), which have the command centers installed with the TCIP device in the same enclosure, pre-wired.

### TECHNICAL DATA

#### **Electrical:**

Input - 5 vdc  
Consumption: - 2.5 watt max.  
Serial Interface - RS 232 Male 9 pin  
Ethernet - RJ45

#### **LEDs**

Power – Green  
Network activity – Red  
Network link – Green  
TX Transmit – Yellow  
RX Receive - Green

#### **Environmental:**

Operating temp - 32° to 150°

#### **Dimensions:**

.83" H x 2.93" W x 3.56" L

#### **Software:**

Firmware - upgradeable  
Compatible with Microsoft Windows XP® SP2

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