

ZPTCIP COMMAND CENTER WITH TCIP

SUBMITTAL



ZPTCIP Command Center Communicating Controller With TCIP Network Device

DESCRIPTION

The Zonex Systems **ZPTCIP** Communications Package includes the *ZonexCommander (Plus)*, command center and TCIP Network Device. The command center is a microprocessor based, digital communicating controller for the *ZonexCommander (Plus)* control system. The TCIP Network Device allows access to the *ZonexCommander (Plus)* control system via Ethernet or Internet connection. The TCIP Network Device allows a workstation computer on a local network, or remote connection via the Internet to connect to the system.

Included in the ZPTCIP communications package are cables, outside air sensor, TCIP setup and configuration software, and system operating software. The ZPTCIP will communicate and control up to 4 RMODs, within 20 communicating devices, which include: ModStat, MODS2, DIGICOM and DIGIHP thermostats, and RLYCOM communicating relay modules.

The ModStat thermostats control power open, power close medium pressure and heavy duty dampers, for modulating systems. The MODS2 thermostats control power close, spring open low pressure, 2-position dampers. The RLYCOM modules are used to control building lighting, blowers, etc. for Occupied and Unoccupied (ON-OFF) schedules.

When the application requires more than 4 RMODs, or 20 control devices, the CZNXIP Command Center is used in addition to the ZPTCIP. This adds up to 4 more RMODs within 20 more devices. Up to 3 CZNXIP Command Centers can be set up for communication and control of up to 16 RMODs within 80 control devices.

The ZPTCIP and CZNXIP Command Centers not only communicate with the control devices, but also maintain the current day, date and time; Occupied/Unoccupied and vacation schedules; and control device name IDs. All this information is stored in non-volatile memory including backup battery for the time and day.

Through the system operating software the Command Centers provide the ability for temperature trend logging for all of the thermostats.

Rev 8/13/14

TECHNICAL DATA

Package includes:

- Command Center
- TCIP network device with power supply
- Cables and serial adapter
- Configuration and program CDs
- Outside air sensor

Electrical:

Supply Voltage: 24vac

Power consumption: 3 VA maximum

Inputs:

- 5V DC analog OA temperature sensor
- 1- RS-232 computer serial connection port
- 1- RS-232 USB connection port
- 1- RS-485 communication terminal strip RX TX
- 24vac power (dedicated transformer)

Environmental:

Operating temperature: 25 to 125° F (0 to 71° C)

Operating humidity: 5-95%, non-condensing

Enclosure:

NEMA 1

7 $\frac{1}{4}$ " H x 10 $\frac{7}{8}$ " W x 3" D

