



# Networking Options for CC

## Component Description

### Dataline Repeater

### TCP/IP Interface Module

## Applications

- ◆ Dataline Repeaters support additional 4000 feet of dataline
- ◆ Repeaters reduce dataline noise and provide transient protection
- ◆ Provides TCP/IP socket connectivity between system dataline and WinControl
- ◆ Interface capability with other building control systems
- ◆ One year warranty



Networking capabilities with The Watt Stopper's Complete Control (CC) panel system enable multiple panels to be linked together. Once this is achieved, additional networking functionality can be realized with optional devices such as Dataline Repeaters and the TCP/IP Connectivity Module.

Dataline Repeaters (HREPCC) offer the capability to extend system datalines by an additional 4,000 feet per unit. This allows panels in large facilities or campuses to be networked together over a dataline. These devices support longer distances while reducing noise and providing protection against electrical transients. The unit includes a tub, cover, and 115VAC power supply. Dataline Repeaters are a necessity in applications where the dataline will be extended beyond 4000 feet.

The TCP/IP Interface Module (HLANCC) enables a PC running WinControl to access a Complete Control network dataline using TCP/IP connectivity over standard ethernet. This gives the flexibility for system administrators to communicate with a CC system's Dataline Link from a PC anywhere with a LAN or WAN network connection. Using the module eliminates the costs and difficulties of a dedicated phone line with dial-up modems and the distance constraints of a direct dataline connection. Controlling multiple CC networks from a single location is simplified, although data does not pass from one CC system to another.

One system administrator at a time may connect to the CC Dataline through the module, utilizing the facility's own ethernet communication infrastructure to reduce networking and wiring costs. The HLANCC connects to the CC dataline through the HLINK Dataline Link using the HCABLE-C cable. The ethernet side is connected using a standard RJ-45 connector. A 115V plug-in transformer is supplied to power the HLANCC. The PC could be connected via modem to an internet service provider or via an ethernet card connected to a LAN.

The TCP/IP Interface Module is ideal in a campus-style facility where TCP/IP network connections are available. It allows the facility manager to monitor and control separate buildings with Complete Control networks from any location. Using WinControl through the module, the administrator can remotely program, monitor, and control the systems, receive failure reports and log data, and view real time graphic displays of multiple systems simultaneously.

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# Networking Options Technical Information

## Specifications

### Dataline Repeater

- ◆ Supports extension of system dataline by additional 4,000 feet
- ◆ Reduces dataline noise and provides transient protection
- ◆ 115 VAC power supply
- ◆ UL listed, one year warranty

### TCP/IP Interface Module

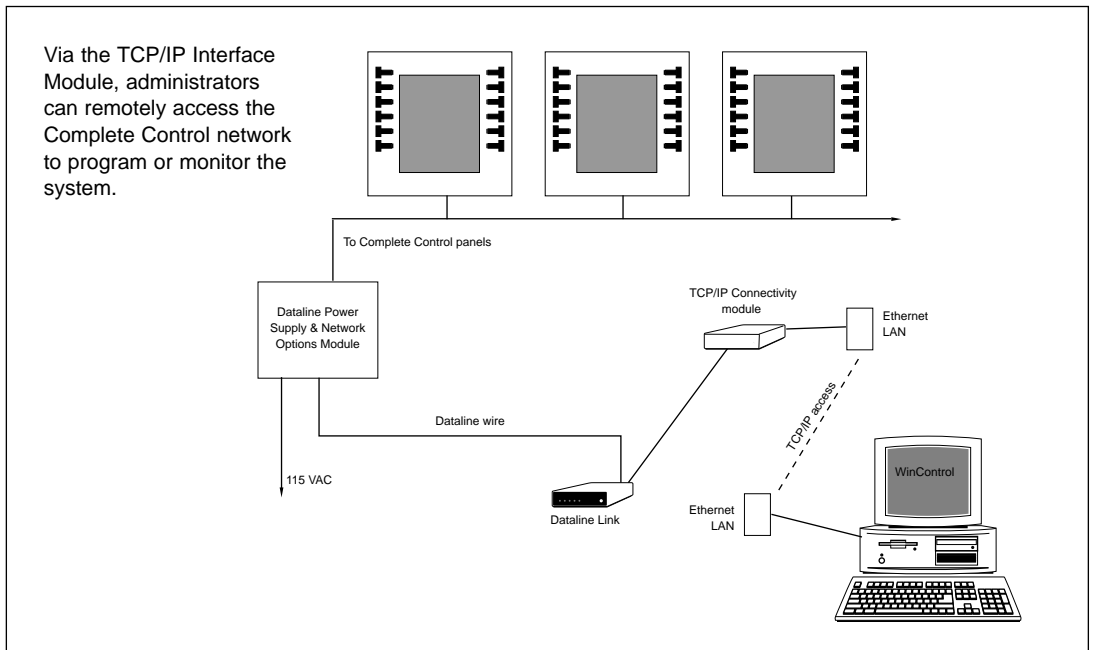
- ◆ Provides PC based WinControl connectivity to CC dataline over ethernet using TCP/IP
- ◆ Connects to CC dataline through Dataline Link
- ◆ Uses TCP/IP socket connectivity to WinControl
- ◆ Connects to ethernet via RJ-45 connection port
- ◆ Supplied with 115V plug-in transformer for power
- ◆ One year warranty

## Ordering Information

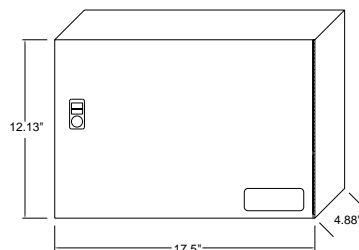
Catalog No. Description

Catalog No.	Description
HGSA12CC	Global Switch Annunciator Card
HPHOxCC	Telephone Override Card
HREPCC	Dataline Repeater
HLANCC	TCP/IP Interface Module

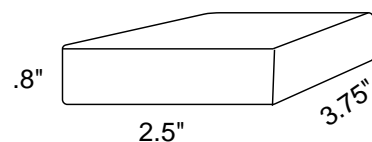
## TCP/IP Application



### Dataline Repeater Dimensions



### TCP/IP Interface Module Dimensions



## Unit Dimensions