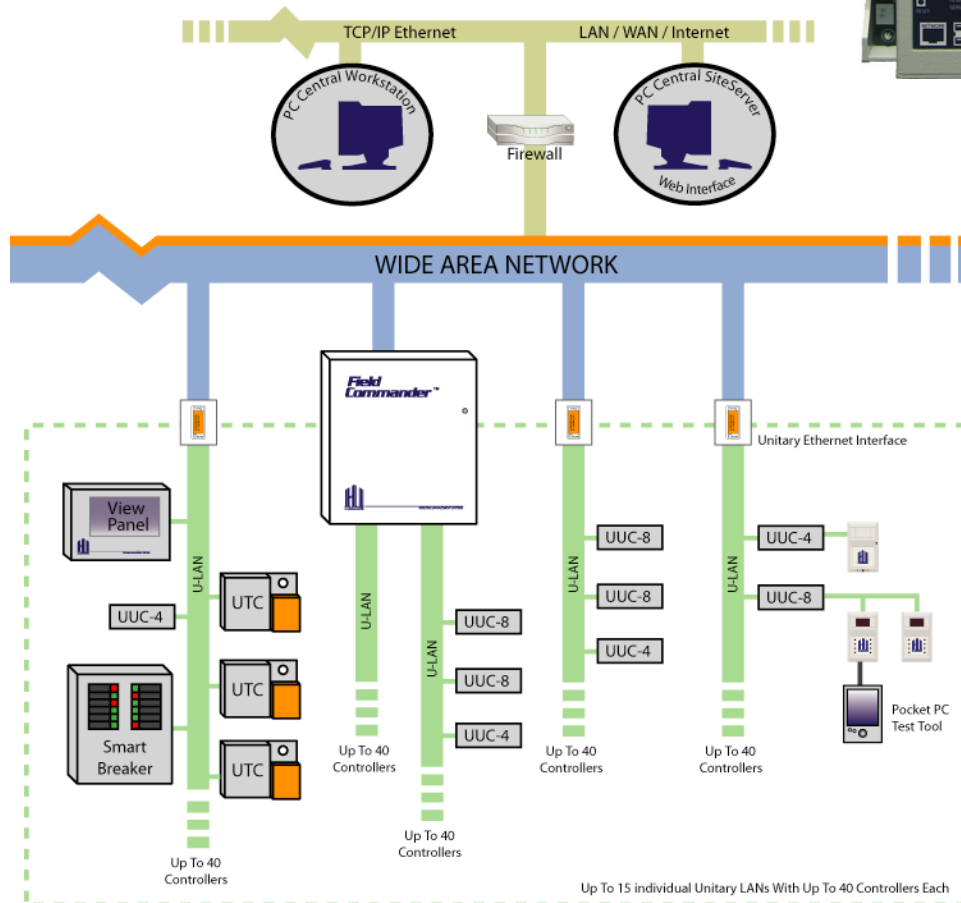


Field Commander™

Field Commander 6

Overview

The Field Commander 6 (FC-6) is a microprocessor based building automation and energy management system capable of controlling energy and demand using remotely located unitary controllers. The system performs the functions of scheduling equipment, demand limiting, duty cycling, monitoring, reporting, trend logging, and control strategies. More than 600 unitary controllers can be coordinated by the FC-6 through the implementation of up to 15 discrete unitary LANs. The FC-6 can coordinate scheduling and other operations across all or select unitary LANs.

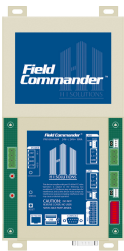


Features

- Modular hardware with flexible configurations
- Non-volatile storage of all database and control information
- Clock and calendar with 10 year battery backup
- 2 multi-drop RS-485 unitary networks
- Up to 15 individual unitary networks, 600 total controllers
- Up to 40 Universal Unitary Controllers per LAN
- Ethernet port for easy access to remote unitary LANs over existing Ethernet LAN wiring
- RS-232 serial connection for local terminal or modem
- Full-featured terminal mode interface
- Soap/XML data interface, multiple user access levels
- Multiple simultaneous user logins
- Automatic fail-safe mode
- 250 Schedules, 250 programming monitors, and 50 control structures
- Supports remote firmware upgrades
- Optimum start/stop, Equipment Scheduling
- Trend collection
- Email alarms
- Maintenance and security alarm messages
- Load Shedding, Demand Limiting Energy Management
- Reports adverse conditions by outbound connection over modem or network
- Automatic communications between remote sites and the central system with automatic logon and password exchange

Field Commander 6

016-6604



- Dimensions: 5.2" x 10.5"
- Power requirements: 24V AC/DC
- Communications: 1 RS-232 for modem/PC Ethernet port
2 RS-485 connections for Unitary Network, Up to 40 unitary controllers per network
- Output Power: 1 15VDC output for local equipment
- Memory: 10 year battery-backed memory for database storage

Field Commander 6 Assembly

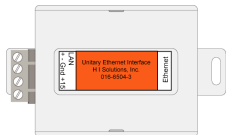
016-6615



- This is a prepackaged assembly in a locking wall-mount metal cabinet including a 24VAC transformer.
- Power requirements: 120 VAC
- Factory Options: Ethernet switch, modem, Unitary Ethernet Interface
- Dimensions: 19" x 16" x 4"

Unitary Ethernet Interface

016-6504-3



- Each UEI allows one additional unitary network to be connected to the FC-6 over a facility's Ethernet LAN.
- Dimensions: 3 5/8" x 2 1/4" x 1 5/8"
- Power requirements: 150 mA at 15VDC from 4-pin header
- Connections: RJ-45 10BaseT Ethernet, RS485 unitary LAN

About H I Solutions

Since 1974 H I Solutions has provided innovative and cost-effective solutions for building management needs with computer-based automation systems for industrial, commercial, office, retail, educational, and healthcare facilities. Our distribution channels include a network of Independent Distributors, OEM, and National Accounts. Headquartered outside Atlanta, Georgia, H I Solutions is committed to offering quality engineering & performance, low overall cost, and unparalleled customer service.

