



## Datasheet

# Pre-Wired Network Controller Panel (PL-PANEL-NC2000)

## Description

The Prolon NC2000 Panel is a complete communications and interface package used to access and configure any Prolon control system, either locally or remotely. A seven-inch touchscreen display acts as a local interface to the system and is mounted into a steel enclosure which houses the pre-wired Prolon NC2000 Network Controller. The NC2000 is used to connect a Prolon system to the Internet, to send schedules to the controllers and distribute outside air temperature readings. It can also be used to record trend logs and to send email-based alerts upon user-configurable conditions.

## Features

- Built-in 10-inch touchscreen display for local setup and monitoring
- Prolon Focus visualization and configuration software comes pre-installed
- Implements a password lockout system for standard And advanced user access
- Pre-wired panel equipped with fuses and clearly marked terminal blocks
- Allows for remote configuration of your Prolon system over the Internet
- Internal clock with up to 16 configurable weekly schedules and annual calendars
- Automatic adjustment for daylight savings and time synchronization over the Internet
- Keeps precise time without electricity for up to 10 days
- Onboard LEDs allows for quick diagnostics of power, communication and operation
- Shares outside air temperature and occupancy data between devices
- Sends email alerts based on user-configurable conditions
- Records up to 100 trend logs at the same time, saved onto a standard SD card

## Technical Specifications

- **Supply:** 24 VAC  $\pm 10\%$ , 50/60 Hz, Class 2, 30 VA
- **Communication:**
  - Modbus TCP/IP (Static IP address or DHCP)
  - Modbus RTU (RS485), 1 input port and 1 output port, up to 127 nodes
  - USB
- **SD Card:** Standard size only, SDSC or SDHC, FAT16 or FAT32
- **Panel Dimensions:** 12.25" x 16.25" x 6.25" (311mm x 403mm x 159mm)
- **Weight:** 18 lbs (8.2 kg)
- **Environment:** 32-122 °F (0-50 °C) Non-Condensing
- **NC2000 Certification:** UL916 Energy Management Equipment, CAN/CSA-C22.2, RoHS, FCC part 15: 2012 class B