



Product Specification

33CN Carrier Comfort Network Carrier Comfort Integrator NX

Part Numbers: 33CNCARNX, 33CNCARNXUI

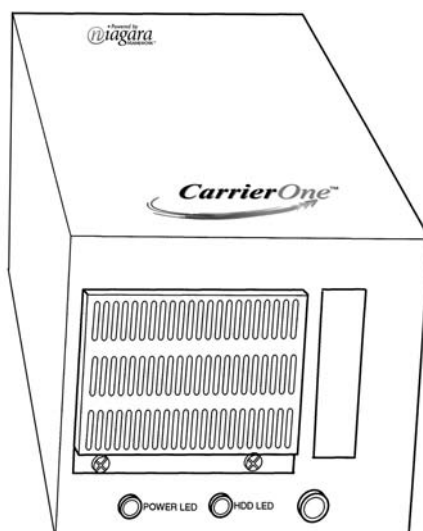


The Carrier Comfort Integrator NX (CCINX) is a compact PC platform that provides integrated control supervision and network management solutions for a network using CCN (Carrier Comfort Network), LonWorks™, and BACnet™ based devices or systems.

Features/Benefits

The Carrier Comfort Integrator NX offers the following advantages:

- high performance Intel® Celeron® microprocessor
- real-time control function distribution across an Ethernet LAN (local area network)
- cost effective for all size installations
- communication and data sharing between CCN, LonWorks and BACnet protocols. Additional protocols such as MODBUS®, DDE, OPC, and others can be purchased from Carrier.
- a single CCINX can be used for smaller, stand-alone applications
- multiple CCINXs can be used in conjunction with a CarrierOne™ Web system to support larger applications
- CCINXs with web user interface services can be used to support intranet or internet users



Features/Benefits (cont)



CarrierOne™ system

The CarrierOne system has been designed to integrate a variety of devices and protocols into a common distributed automation system. The Carrier Comfort Integrators are used in the CarrierOne system to provide integrated control, supervision, and network management for building control.

The CCI (Carrier Comfort Integrator) can be connected to a network of CCN-based application controllers. There are different types of CCIs. The CCINX is intended for stand-alone operation and can be used with other types of CCIs in a CarrierOne Web Server system. When the CCI is connected over an ethernet, the CCI can communicate to BACnet™ devices or systems and share data between CCN, LonWorks™, or BACnet devices.

Additional protocols such as MODBUS®, DDE, OPC, and others can be purchased from Carrier.

Fits every application

Two different CCINXs are available to meet the needs of many different applications.

A single CCINX can be used for smaller, stand-alone applications. Multiple CCINXs can be used in conjunction with a CarrierOne Web Server system to support larger applications.

The 33CNCARNXUI CCINXs are intended for stand-alone operation and are provided with a web user interface service. When connected to the internet, the system's graphical views can be accessed using any standard web browser such as Internet Explorer™ or Netscape Navigator™.

On larger buildings, multi-building complexes, or large-scale control system integrations the CarrierOne Web Server system, in conjunction with one or more CCINXs, will manage global control functions, support data passing

over multiple networks, and host multiple, simultaneous client workstations.

The 33CNCARNX CCINXs require a CarrierOne Web Server system per project or site since they do not have web user interface services.

Ease of installation

The rugged, compact CCINXs can be wall-mounted or enclosure-mounted based on the location requirements. These devices are not outdoor duty rated.

Simple to use

The CCI can be accessed directly over the Ethernet LAN or remotely over the internet.

Specifications

Platform

High-speed Intel® Celeron® CPU (1.2 GHz) with 256-MB RAM
Minimum 20-GB IDE hard drive
Timeclock

Communications

One 10/100 Mbps Ethernet port (RJ-45 connection)
One LonWorks port (FTT-10 with Weidmuller connector)
Two high-speed RS-232 ports with DB-9 connector (typically CCN)

Operating system

Embedded version of Microsoft® Windows XP or NT® 4.0 with latest service pack
Microsoft Java™ Virtual Machine
Control engine software with CCN, LonWorks, BACnet, and MODBUS support

Options

MDM-NP 56 KBps, V90 internal modem

Power Supply

108-132 vac, 2 amps, 47-63 Hz
or
180-230 vac, 1 amp, 47-63 Hz

Physical specifications

Heavy duty steel chassis
Plastic cover
Internal fan forced cooling
Operating weight — 9.9 lb
Shipping weight — 13.9 lb

Dimensions

6 ¹³/₁₆ W x 7 ⁹/₁₆ L x 10 ¹/₁₆ H (in.)

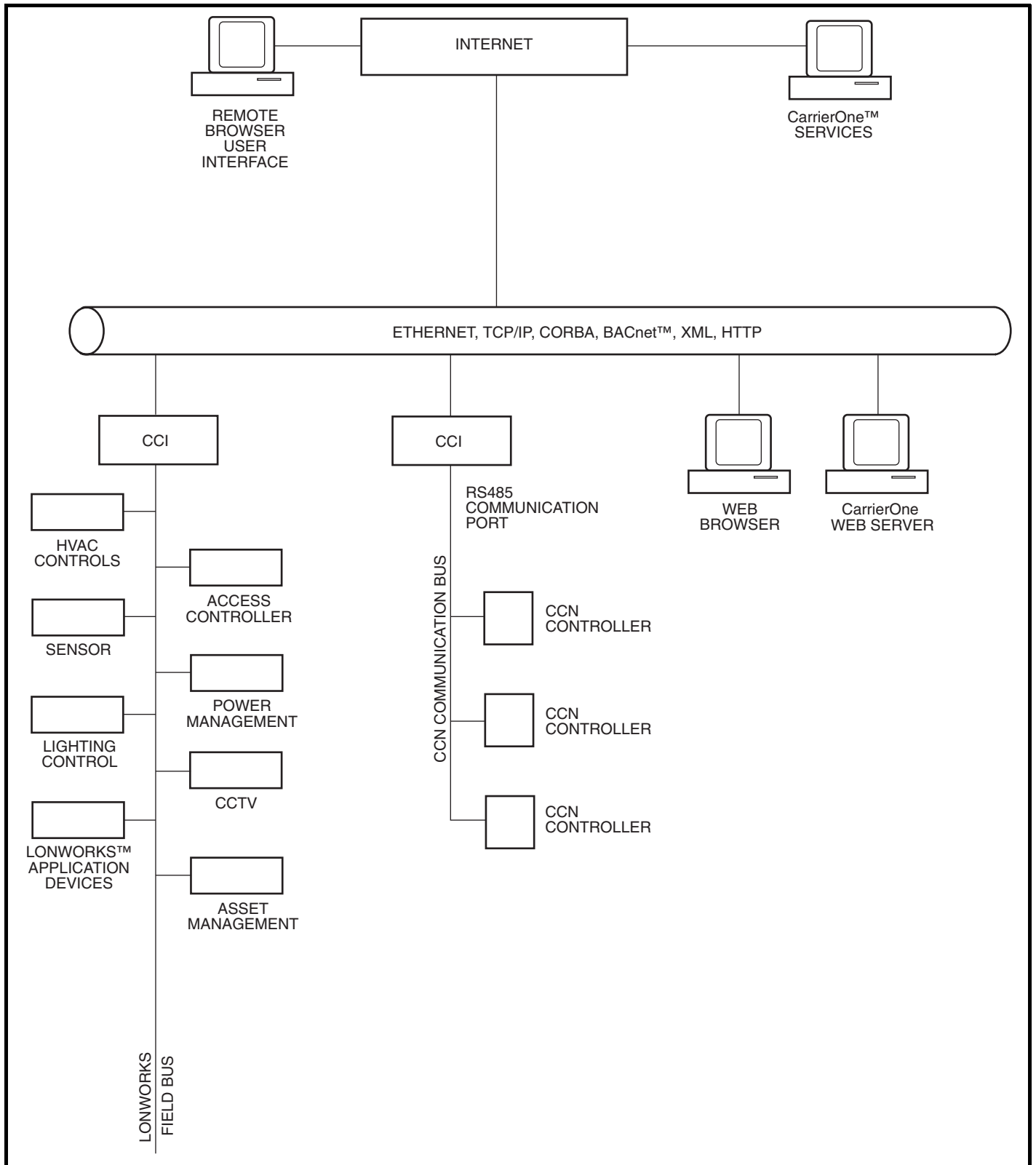
Environment

Operating temperature range: 32 to 95 F (0° to 35 C)
Storage temperature range: 32 to 158 F (0° to 70 C)
Relative humidity range: 5 to 95%, non-condensing

Agency Listings

UL916
CSA (Canadian Standard C22.2 no. 205-M 1983, signaling equipment)
CE
FCC Class B

Typical installation





Manufacturer reserves the right to discontinue, or change at any time, specifications or designs without notice and without incurring obligations.

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New

Book|1|
Tab |1CS1

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Form 33CN-7PS
Replaces: 33CN-6PS