

CopperCube

Trend Log Archiver

Description

The CopperCube is an embedded industrial computer that connects to Building Automation Systems (BAS) through BACnet/IP or BACnet Ethernet protocols.

Each CopperCube locates all trend logs within the BAS and archives up to 5,000 individual trend logs on its local secure database. Trend log data is accessed through a built-in web interface, as well as through the CopperTree's Kaizen and Delta Controls' enteliWEB software.



Application

The CopperCube is an on-site trend log archiver that manages up to 5,000 trend logs on a BACnet network.

The CopperCube includes several trend log archive maintenance tools. The auto-pruning feature deletes data after a set time period in order to free memory. You can also schedule backups to an external location. An optional SQL connector allows you to route the same trend log data to an external SQL database for use with third-party reporting tools while still maintaining the integrity of the original information.

Features

- ▶ Internal, local storage of trend log data.
- ▶ Built-in web UI for feedback, operational status and configuration. Vendor independent.
- ▶ Built-in connectivity to CopperTree's Kaizen and Delta Controls' enteliWEB software.
- ▶ Native BACnet device.
- ▶ Industrial embedded PC with an internal 60 GB solid-state hard drive.
- ▶ Configurable auto backup to external storage device.
- ▶ Firmware auto-update capability.
- ▶ Optional SQL connector.

Specifications

BACnet Protocols

BACnet/IP
BACnet Ethernet

Mounting

35 mm horizontal DIN rail
Includes rubber feet for flat surface mounting

Connectors

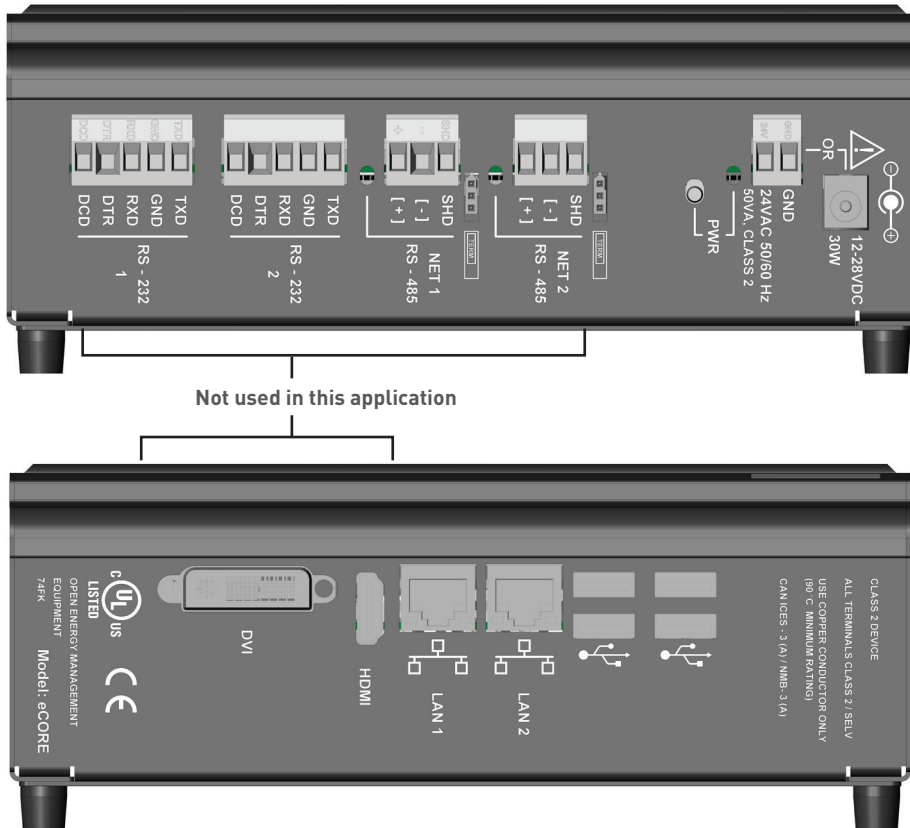
5 Screw-type terminal connectors
1 DC Power Jack, ID 2.5 mm, OD 5.5 mm

Wiring Class

NEC Class 2

CopperCube

Product Diagrams



Specifications (Continued)

Power

24 VAC, 50 VA
12-28 VDC, 30 W

Technology

Intel® Atom™ D2550 processor
2 GB SDRAM
64-bit operating system

Communication Ports

2 Gigabit Ethernet
4 USB 2.0, maximum 500 mA each

Ambient

0° to 55°C (32° to 131°F)
10-90% RH (non-condensing)

Dimensions

19.2 x 13.5 x 7.8 cm (7.6 x 5.3 x 3.1 in.)

Weight

1.13 kg (2.49 lb)

Compliance

CE-EMC Directive 89 / 336 / EEC
FCC Class B

Listings

C-UL Listed
UL 916 Listed

Ordering

Order the CopperCube according to the following product numbers:

Cube-S	CopperCube Small (250 TL)
Cube-S-SQL	CopperCube Small (250 TL) with SQL Connector
Cube-M	CopperCube Medium (1000 TL)
Cube-M-SQL	CopperCube Medium (1000 TL) with SQL Connector
Cube-L	CopperCube Large (2500 TL)
Cube-L-SQL	CopperCube Large (2500 TL) with SQL Connector
Cube-XL	CopperCube Extra Large (5000 TL)
Cube-XL-SQL	CopperCube Extra Large (5000 TL) with SQL Connector

Accessories

194302	12 VDC 30 W Power Supply for North America
194301	12 VDC 30 W Power Supply for Europe

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CopperCube is a registered trademark of CopperTree Analytics Inc.
BACnet is a registered trademark of the American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.
Intel Atom is a registered trademark of Intel Corporation.

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Subject to change without notice.