CCU-721 carrier control unit connection instructions for programming

Introduction

Eaton has tested and recommends the *StarTech 10/100/1000 Mbps Gigabit 1 Port USB over IP Device Server* to successfully bridge the connection between a Windows computer and the CCU-721.

This device is shown below and can be purchased directly from StarTech.com, Amazon, and other online retailers. Similar devices may also be used but have not been validated by Eaton.

Figure 1. StarTech USB to Ethernet Converter

Required materials

The following materials are required to connect the USB IP Server device between the computer and CCU:

- USB A-B cable approximately 6 feet or less.
- Computer with an Ethernet port, using Windows 10.
- A terminal emulator software program, such as PuTTY.
- Slave address and port number for the CCU currently being configured.
- IP address, subnet mask, and optional gateway.
- USB to IP Server Device and software to create connection.

    The StarTech USB server software is included with purchase of the device and it can be found on the StarTech Web site.

- Ethernet cable.

Technical support

Technical support is available to customers with a support agreement by contacting the EAS Technical Services department at:

    1-800-815-2258

Support questions may also be emailed to Eaton's Technical Services department at:

    EAS-Support@Eaton.com

Connecting the Ethernet Port:

Before connecting the Ethernet Port, verify the Yukon to CCU communication channel.

Note: For information about creating a communications channel, refer to the *Yukon AMI Administrator's manual*.

1. Install the IP device server software as an administrator. Installation requires a restart.
2. Connect Ethernet cable from your computer to USB to IP server device.
3. Connect the USB A-B cable from the IP server device to the CCU.
4. Plug the power cord to the USB IP server device to the CCU power outlet.
5. Open the USB server software. The USB Server window is displayed, wait for the software to recognize the CCU communication route.

Note: Wait up to five minutes for the software to recognize the CCU.

6. Click the Cooper Serial button. Cooper Serial will be highlighted.
7. Click the Connect button. Your computer should now recognize the USB device and be able to communicate with the CCU.
8. To configure the CCU refer to the CCU-721 Carrier Control Unit Technical Manual.

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For CCU-721 carrier control unit product
information, call 1-877-277-4636 or visit:
Eaton.com