

E88E-EPM Installation

The E88E-EPM is designed to be used in industrial applications and installed in accordance with this document. The intended use of the E88E-EPM is for use in clean, dry environments.

Connect the E88E-EPM to Ethernet IP

Connect the Ethernet IP Ethernet cable to the RJ45 connector located on the front of the E88E-EPM.

- The E88E-EPM will work with any Ethernet (UTP/STP) cable.

Set the Ethernet IP Address

The factory default TCP address is set to 192.168.1.150. Once connected to the network enter the IP address into any web browser. You'll be asked for a username and password. The default user name is "Admin" and the default password is "Password". Note that both the username and password are case sensitive. Once the web page is displayed go to the Settings page and enter the IP address, Net Mask, and Gateway / Router (0.0.0.0 is acceptable) to meet the network requirements. Cycle power on the E88E to have the system start up with the new addresses.

Ethernet IP Setup and Configuration of the E88E-EPM

The E88E-EPM requires no other setup or configuration for normal operation.

Connecting the E88E-EPM to QCPort

The E88E-EPM connects to QCPort using one or both of the two QCPort channels CH A or CH B. The connections for the channels are the RJ12 connectors located on the front of the E88E. Channel CH A RJ12 can be used to power the E88E-EPM. The E88E-EPM, can be powered from the 6 pin connector located on the back of the E88E, note that the only available QCPort channel on the back connector is Channel A.

The Auto Configure button is labeled CONFIG and is located on the front between and below the PROFIBUS and MODBUS DB9 sockets. A Soft Auto Configure will erase the existing Bucket Scan List and replace it with a new Bucket Scan List that represents the devices on both QCPorts. To perform a Soft Auto Configuration, ensure that the QCPort system has been properly installed and that there is power applied to the QCPort system for both Channel A and Channel B (if used). All devices must be powered and operating without communication faults. Press and hold the CONFIG button for five seconds. When the button is pressed for 5 seconds, the ST, MS, NS, ChnA, and ChnB LED's will all go OFF. When the MS and NS LED's go RED, it is safe to release the button indicating that the Auto Configuration is being performed. After a while the MS led will turn green and after a while later the NS led will turn green. Once the configuration step is complete the all the lit LEDs will be turned off and then allowed to resort back to normal use. This is an indication to check the QCPort devices for errors, correct the errors and attempt the Auto Configuration again.

Performing a Hard Auto Configuration on the E88E-EPM

A Hard Auto Configuration is similar to the Soft Auto Configuration except the Configure button is held prior and during (for five seconds) power being applied to the QCPort system. A Hard Configuration will reset all QCPort devices to Out of Box defaults, reset the IP address to 192.168.1.150, and reset the web username and password

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