



User Manual Supplement



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About This Manual Supplement

This User Manual Supplement provides additional information to the QLCP User Manual. This manual covers the addition of the Genisys protocol over Ethernet (UDP) connection feature.

Customer Support

For additional support, please call QuEST Rail LLC at (816) 240-8425 or email us at waysideproducts@questrail.com.

1

Genisys over Ethernet (UDP)

Background

This feature allows for Genisys protocol communication over a UDP Ethernet connection, eliminating the need for the serial connection between the QLCP-NET board and the vital controller.

Configuring the QLCP-NET for Genisys over Ethernet (UDP)

To enable the Genisys over Ethernet, choose GENISYS-UDP in the Controller Protocol setting using the QLCP-NET Development Tool as shown below in Figure 1.

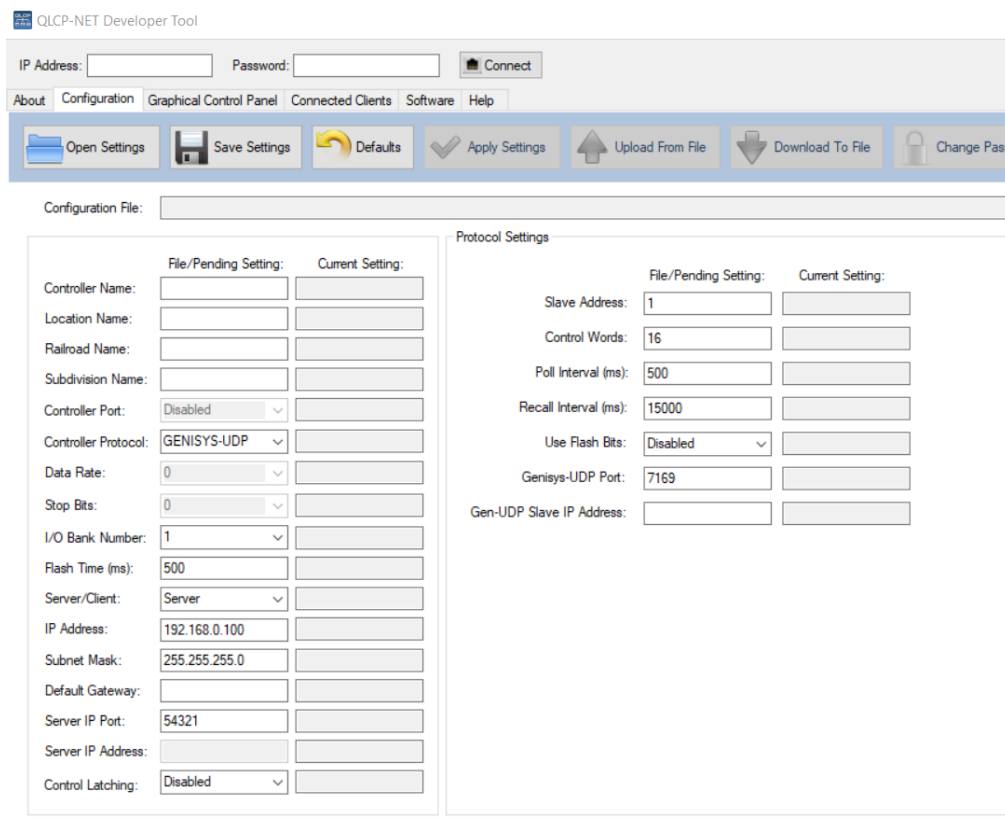


Figure 1

Notice the Controller Port is now disabled. Connect the QLCP-NET to the Vital Processor using a standard Ethernet cable.

Enter the IP address of the Vital Processor in the Gen-UDP Slave IP Address section of the Protocol Settings as shown below in Figure 2.

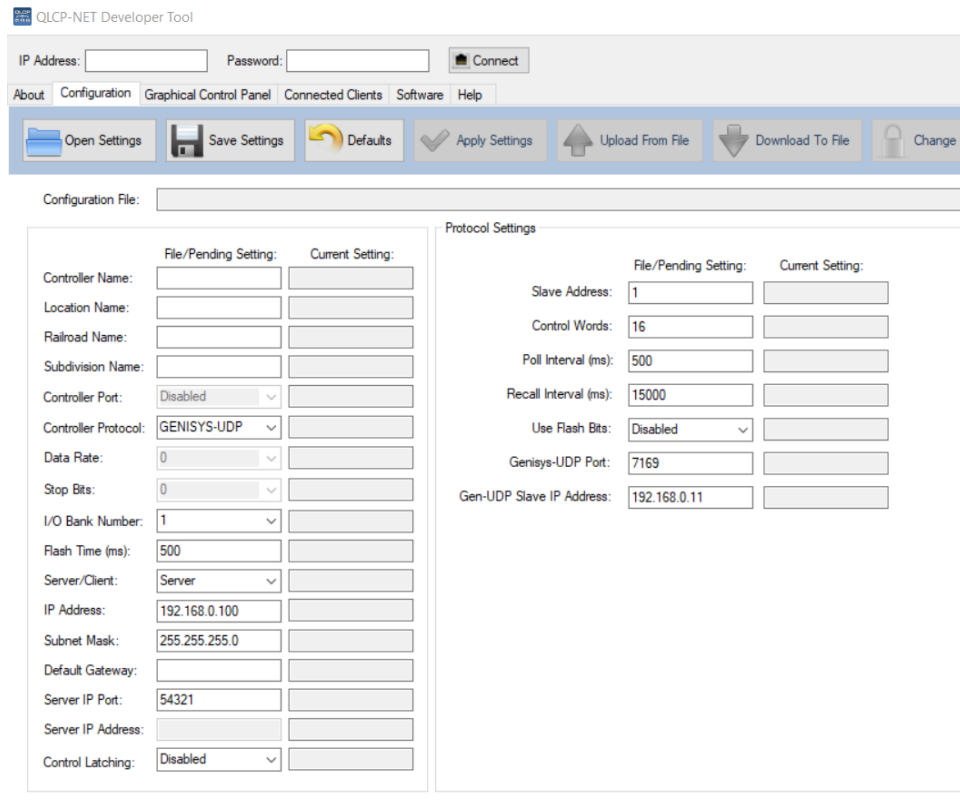


Figure 2

2 Gen-UPD Software Version Requirements

Updated QLCP Executive, Network, and QLCP-NET Developer Tool software is required for this feature to be functional. Software later than the below versions support this feature.

Visit www.questrail.com/qlcp to download the latest software.

- QLCP Network Software v1.08
- QLCP Executive Software v2.28
- QLCP-NET Developer Tool v3.21

QLCP-NET Software Version Notes

NOTE: If using a QLCP-NET Developer Tool version before 3.21, GENISYS-UDP will not be available in the Controller Protocol drop down window.

NOTE: If using QLCP-NET Developer Tool version 3.21 or later on a QLCP-NET board with software before QLCP Network SW v1.08 or QLCP Executive SW v2.28, the GENISYS-UDP will not be available in the Controller Protocol drop down window and the below will be displayed after connecting the QLCP-NET Developer Tool to the QLCP-NET.

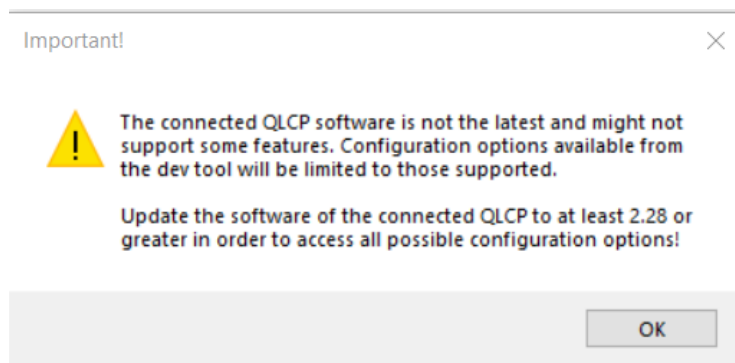


Figure 3