Is the communication with the PowerDebug module over Ethernet secure?

2026-08-13 - Comments (2) - Setup / update

PowerDebug E40, PowerDebug PRO, and Previous Devices:

The Ethernet communication (UDP) between the PC and the PowerDebug module **does not provide any cybersecurity protection**.

As an alternative, you can use *t32tcpusb*, which allows the PowerDebug module to be connected via USB to a host running *t32tcpusb*. This host then communicates over TCP/IP with the host running TRACE32 PowerView.

When using TCP, you can apply standard network security mechanisms such as SSH tunnels for protection.

For details on *t32tcpusb*, please refer to the TRACE32 Installation Guide.

PowerDebug X50, PowerDebug X51, PowerDebug E50

These devices support communication over **TCP**, allowing the use of common network protection methods.
For more information, see: PowerDebug X50 TCP port number

Comments (2)

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zhaoyan.ma
2 years ago
Can we connect more than one device with the "t32tcpusb.exe"?
Wafi Jmal
2 years ago

Hello,

If you have more than one debugger, you can easily run t32tcpusb by specifying a port number with the command: t32tcpusb .

To use another debugger, simply run the command in a separate command line with a different port number.

Best regards.

Wafi