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# Is the communication with the PowerDebug module over Ethernet secure?

2025-10-08 - 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 <u>TRACE32 Installation Guide</u>.

### PowerDebug X50

The PowerDebug X50 supports 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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#### z zhaoyan.ma

1 year ago

Can we connect more than one device with the "t32tcpusb.exe"?

#### Wafi Jmal

1 year 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