Your Global Automation Partner

TAS
Turck Automation Suite
IIoT and Service Platform

Readme and notes

1 System requirements

- Compatible web browser (Google Chrome, Microsoft Edge, Mozilla Firefox)
- Access to all relevant networks
- Internet access:
  - IODD configurator: retrieval of IODDs from io-link.com
  - retrieval of updates

2 Supported devices

- Turck devices with an Ethernet connection including connected devices.

NOTE
Functionality can be restricted depending on the device version.

- Turck USB IO-Link master, USB-2-IOL-0002, ID: 6825482

3 Other notes

3.1 TAS application

- TAS is run in the standard web browser of the PC.
- Launching TAS also starts the tool in the system tray where it stays active even if the web browser is closed.
- Double-clicking the icon in the system tray restarts the application in the standard web browser.
- TAS can be fully closed via the system tray.
- The log file can also be accessed.

NOTE
If the cache of the web browser is cleared, stored data from TAS will also be irrevocably deleted.

3.2 Device password

The execution of actions (except for the wink command) requires the entry of the relevant device password with the following exceptions:

- Devices with the default IP address can also be configured without entering the device password.
- After the device is restarted by switching the power supply off and on, it can then be reset to the default settings for 180 s without entering the device password.

3.3 Port assignment

- TAS starts by default on **Port 8088**. If this port is taken, the user can either enable the next free port to be selected automatically or can wait for the port to become available.

3.4 Network

TAS scans all active network adapters automatically.

NOTE
The command line parameter **--adapterIps** enables the selection of the network adapter to be restricted (example "--adapterIps 192.168.1.7, 192.168.10.235").

4 Frequently asked questions

Question	Possible cause	Possible solution
Why do I get an error message in the browser?	The web browser used only allows communication via HTTPS. TAS on the other hand communicates by default via HTTP.	Use a different web browser.
		Set up communication via HTTPS.
		Disable automatic browser redirect from HTTP to HTTPS.
Why are the values set in TAS not adopted by the device? Why are values visualized incorrectly?	Accessing the device from various control systems, software tools or web pages concurrently can cause malfunctions.	Access the device using only one system. Disable access from all other systems. If the problem persists, contact Turck.

4.1 Set up communication via HTTPS

TAS can use HTTPS instead of HTTP for communication between client and backend.
Proceed as follows for the setup:
- ▸ Install SSL certificate under **Trusted Root Certification Authorities**.
- ▸ Configure the computer for using this certificate.
- ▸ Launch TAS with the command line parameter **--serverUrl** to switch to HTTPS (for example "--serverUrl https://localhost:8443").

4.2 Disabling automatic browser redirect from HTTP to HTTPS

The automatic redirect of HTTP requests to HTTPS via the browser prevents communication between TAS client and backend.
- ▸ Add an exception for **LOCALHOST** (Chrome, Edge) to the forced redirect or disable redirect to https in **FALLBACK** (Firefox).

⇨ The communication functions again via the selected browser.

4.3 Displaying and editing network settings in PROFINET view

The network settings for DCP-capable PROFINET devices can be displayed and edited via PROFINET view. Npcap or WinPcap must be installed to use the DCP function in PROFINET view.

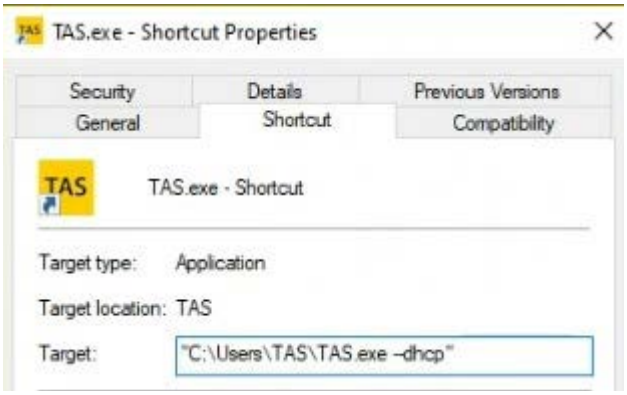
4.4 Enable DHCP server function

The DHCP server function can be enabled via the command prompt or a customized shortcut.

- Start TAS from the command prompt using the **TAS.exe --dhcp** command.

or

- In the properties of the desktop shortcut for TAS, add the **--dhcp** parameter to the target of the shortcut.



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