

## **TechNote CM37: PRUFTECHNIK Device Viewer**

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Device viewer software version 1.7

### **Introduction**

The PRUFTECHNIK Device Viewer software shows the current display information of a supported device on the screen of your computer. The connection between software and device is established through Wifi or USB.

This document explains the installation and use of the software.

NOTE: To safeguard user privacy and prevent unauthorized access, the connection is controlled by an ON/OFF toggle located on the device itself, and screen sharing is only accessible after the user has logged in. Screen sharing is initiated exclusively by the user. This makes sure that the content is transmitted securely and intentionally.

### **Prerequisites**

Operating system: Windows 7, 8.1, 10, 11 etc.

Supported devices:

- VIBSCANNER 2 (version 1.0 and higher, WiFi only)
- ROTALIGN touch (version 1.3 and higher, WiFi and USB)
- ROTALIGN touch EX (version 2.1 and higher, WiFi and USB)
- ShaftALIGN touch (version 2.5 and higher, WiFi and USB)
- OptALIGN touch (version 2.5 and higher, WiFi and USB)
- VIBXPERT 3 (version 1.0 and higher, WiFi and USB)
- Shaft Alignment Tablet (version 1.0 and higher, WiFi and USB)

The computer and the device must be in the same network. If a WiFi network is not available, use a smartphone hotspot to establish a connection between computer and device.

Enable the use of the Device Viewer software in the device settings.

### **Installation**

- Save the PRUFTECHNIK Device Viewer installation file locally on your computer.
- Double-click on the installation file and follow the prompts.

Note: If you want to use the option to connect a supported device via USB with your computer tick the PT USB driver installation.











### **Program start**

Double click on the PRUFTECHNIK Device Viewer program icon on the desktop of your computer.



### Toolbar

The toolbar comprises all the main features (screen capturing, views, device connection, configuration). Those features and others can also be activated with hotkeys or via the menu bar (see sections Hotkeys and Menu bar).

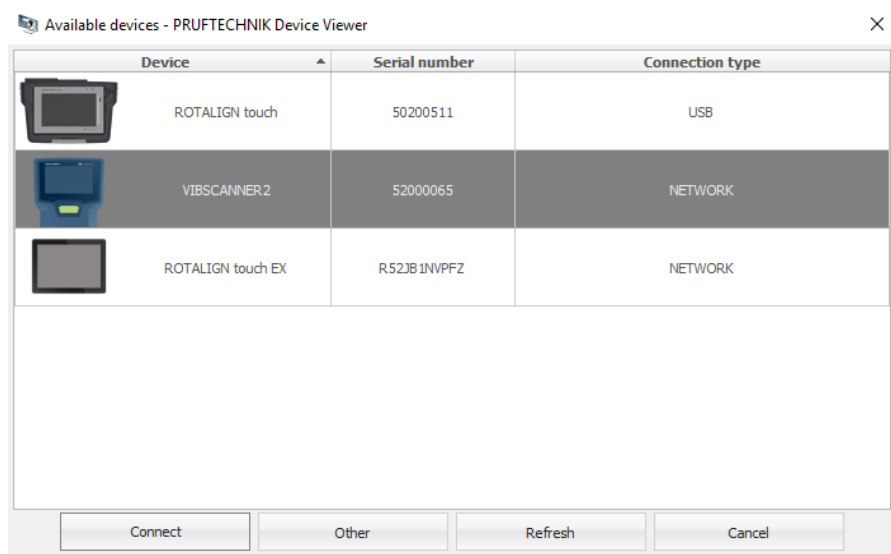
									
Full screen	Copy device	Copy LCD	Save device	Save LCD	Configuration	View normal	View zoomed	View LCD only	Reconnect
ICON	FUNCTION								
Full screen	Application is displayed on the full screen of the computer. Press F11 to toggle.								
Copy device	Screen with device image is copied to clipboard.								
Copy LCD	Screen is copied to clipboard.								
Save device	Screen with device image is saved to destination folder. The destination folder is displayed in the Configuration menu and can be changed.								
Save LCD	Screen is saved to destination folder.								
Configuration	See section Configuration.								
View normal	View of the device in normal size.								
View zoomed	Zommed view of LCD and device.								
View LCD only	View of the the LCD only.								
Reconnect	Software is reconnecting with the device.								

### Device connection

After the program starts, the PRUFTECHNIK Device Viewer will automatically scan the network for available devices or if a device is connected to the computer via USB. The available devices will be listed with type, serial number and connection type.

Note: Larger networks (Class A/B) may take longer to find devices wirelessly due to the high number of available IP addresses.

- Double click on the device icon for connection or click on the device icon once and then Connect.

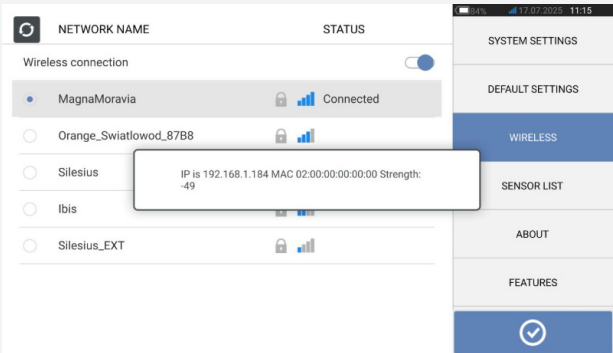


Troubleshooting

If the device connection gets lost or a new device is available press Reconnect in the toolbar or F5 on your keyboard to reestablish device connection.

If the PRUFTECHNIK Device Viewer will not automatically find a device, a manual connection can be established.

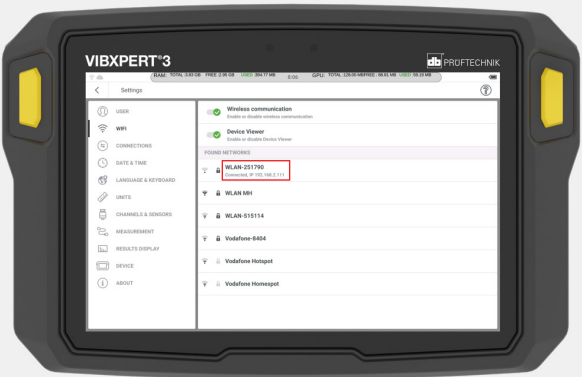
- ▶ Get the IP address on the device (see table below).
- ▶ Click Other.
- ▶ Type in the IP Address of the device
- ▶ Click Connect.

DEVICE	HOW TO GET THE IP ADDRESS
<p>ROTALIGN touch / ROTALIGN touch EX / ShaftALIGN touch / OptALIGN touch</p> 	<ul style="list-style-type: none"><li>▶ Start the device.</li><li>▶ On the start screen tap on Configuration.</li><li>▶ On the configuration screen tap on Wireless.</li><li>▶ Tap on the Wifi network the device is connected to.</li></ul> <p>The IP address will be displayed in a text box.</p>

VIBSCANNER 2



- ▶ Start the device
  - ▶ On the start screen tap on Settings.
  - ▶ On the Settings screen tap on WiFi.
  - ▶ On the WiFi screen tap on the network the device is connected to.
- The IP address will be displayed on the WiFi information screen.

DEVICE	HOW TO GET THE IP ADDRESS
VIBXPRT 3	<div><div></div><div><ul style="list-style-type: none"><li>▶ Start the device.</li><li>▶ From the home screen tap the Settings icon.</li><li>▶ In Settings, tap WIFI.</li></ul><p>In Found Networks pane, the connected network will show the assigned IP address.</p></div></div>

Configuration



Configuration - PRUFTECHNIK Device Viewer

Screen shots settings

File name template:

screenshot

Destination folder:

C:/Users/Public/Pictures

...

✕

Start numbering:

5

▲

▼

File format:

jpeg

▼

Background

☐ None

☒ Default

☐ Custom:

...

✕

Custom LCD content

File path:

...

✕



OK



Cancel



SCREEN SHOTS SETTINGS	DESCRIPTION
File name template	Text field for the file name template. For example if you are taking a series of screenshots for the VIBSCANNER 2 you can enter VIBSCANNER 2. To give each screenshot a different name you have to change the file name template every time before you take a screenshot.

## PRUFTECHNIK Condition Monitoring

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SCREEN SHOTS SETTINGS	DESCRIPTION
Destination folder	<p>This is the folder where the screenshots will be saved if you use the Save device function.</p> <p>Press  to change the destination folder.</p> <p>Press  to reset the destination folder to the default setting.</p>
Start numbering	<p>Sets the start number for a series of screenshots. For example if you take a series of VIBSCANNER 2 screenshots with number 1-10 and then change the file name template to ROTALIGN touch, reset the start numbering to 1 for the next series of screenshots.</p>
File format	<p>Select the file format for the screenshots jpeg or png.</p>

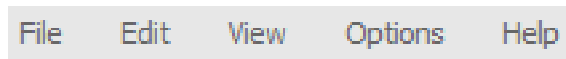
BACKGROUND SETTINGS	DESCRIPTION
None	<p>No background will be displayed in the software.</p>
Default	<p>The PRUFTECHNIK Device Viewer picture will be displayed as background.</p>
Custom	<p>Press  to select a background picture from the file system on your computer.</p> <p>Press  to reset the background settings. The default background will be displayed.</p>

CUSTOM LCD CONTENT	DESCRIPTION
File path	<p>Press  to select a picture that is displayed in the device viewer software on the LCD of the connected device.</p> <p>Press  to reset custom LCD content. The LCD in the device viewer software displays the device LCD.</p>

## Hotkeys

HOTKEY	DESCRIPTION
F2	View normal
F3	View zoomed
F4	View LCD only
F5	Reconnect
F11	Toggle full screen and normal window
Space bar	Pause
Ctrl+S	Save LCD
Ctrl+C	Copy LCD to clipboard
Ctrl+D	Save device
Ctrl+Shift+S	Save LCD as...

## Menu bar



FILE MENU	DESCRIPTION
Save LCD	Screen is saved to destination folder.
Save device	Screen with device image is saved to destination folder. The destination folder is displayed in the Configuration menu and can be changed.
Save LCD as...	Screen can be saved to a folder in your file system.
Print	Print out of the current view.  Note: If View LCD only is selected it is recommended to print out the view in landscape format.
Exit	Exit program.
EDIT MENU	DESCRIPTION
Copy LCD	Screen is copied to clipboard.
Copy device	Screen with device image is copied to clipboard.
VIEW MENU	DESCRIPTION
Full screen	Application is displayed on the full screen of the computer. Press F11 to toggle.
Toolbar	Display or hide toolbar.
Status bar	Display or hide status bar. The status bar contains information about the connected device, FPS (frames per second) and the state of connection.
Tray icon	This function is not applicable.
Log window	Display or hide log window.
Show full screen tool tip	This function is not applicable.
Pause	The current LCD display status of the connected device is put on pause. Press the space key on your keyboard to continue displaying the LCD.
Normal	View of the device in normal size.
Zoomed with keyboard	Zoomed view of LCD and device.
LCD only	View of the the LCD only.
OPTIONS MENU	DESCRIPTION
Configuration	Opens the configuration dialogue (see also section Configuration).
Reconnect	Software is reconnecting with the device.
HELP MENU	DESCRIPTION
PRUFTECHNIK home page	Opens the PRUFTECHNIK home page.
About	Information about the PRUFTECHNIK Device Viewer software.

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