

Screen control

with the Tectool and the YOUVI logic module

EN

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Screen control with the Tectool and the YOUVI logic module

Example: Using a presence detector to switch on the screen

When using a presence detector, the **HVAC output** is recommended for use with the logic module. This output detects presence regardless of lighting conditions.

In YOUVI, the output is represented as a binary sensor or created if needed.

To control the screen via a presence detector, proceed as follows:

In the YOUVI logic module

Set the presence detector as a trigger:

- **Type of trigger:** Device
- **Device:** Sensor > Binary > e.g. “HVAC output”
- **Property:** Binary value
 - Trigger event at exact value
- **Value:** = “Present” or “On”

Choose trigger type:

Time Interval Device Http:// Http Custom State KNX Telegram

Device: HVAC Output

Property: Binary Value

Trigger event on any value change
 Trigger event on exact value

Value: Present Not present

Trigger Name: HVAC Output: Binary value: = Present

Create the following action:

- **Action type:** http command
- **Method:** GET
- **URL:** http://{IP address of the panel*};{port of the Tectool}/TecControl;MonitorEin
– example: http://192.168.0.101:49998/TecControl;MonitorEin

* Use the port of the Tectool and the IP address of the device screen to be switched. If you want to switch the LCD on the panel where YOUVI is fully installed (as a server), you can find the IP address in the drop-down menu in YOUVI Dashboard.

If you want to turn on the screen on another device in the network, make sure that the Tectool is installed on this panel. A guide on how to find the IP address can be found [here](#).

Choose activity type:

Device
 Action
 HTTP Call
 Custom State
 Email
 Notification
 Visu Theme
 KNX

Delay after trigger:

0 | h 0 | min 0 | s

Method: GET

URL: http://192.168.0.101:49998/TecControl;MonitorEin

Action Name: Turn Controlmini-LCD on

In the Tectool, set the port to the same value as used in the link.

TecTool Professional v3.1.0

Touchpanel & PC Integration

Allgemeines		TecControl	
Funktionsumfang	Basis	Auto Reboot	? Aus
Edition	PEAKnx	Geräteüberwachung	? Nein
Port UDP, TCP, HTTP	49998	Multi-Touch Gesten	? Ein
Darstellung	Taskleiste	Windows Taste	? Ein
Updateprüfung	Hand Jetzt	Schreibschutz UWF	? Aus
Autostart	? Nein		
TecMessage		TecStick LED	
Basis Design	QuadClient	TvD	Nicht vorhanden

A [fixed IP address](#) of the panel is required to use the Tectool. This can be set in the network settings.

You can find the IP address of your panel as follows:

a) Connected via WLAN:

- Type "WLAN" in the Windows search input and select "Wi-Fi settings".
- Select "Hardware properties".

Wi-Fi

Wi-Fi

On

PEAKnx Demo 2.4GHz
Connected, secured

Show available networks

Hardware properties

Manage known networks

Hotspot 2.0 networks

Hotspot 2.0 networks might be available in certain public places, like airports, hotels, and cafes.

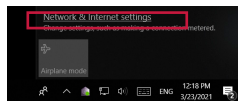
Wi-Fi

Properties

SSID:	PEAKnx Demo 2,4GHz
Protocol:	802.11n
Security type:	WPA2-Personal
Network band:	2,4 GHz
Network channel:	6
Link-local IPv6 address:	fe80::ccea:ef94:7995:e77%20
IPv4 address:	192.168.0.101
IPv4 DNS servers:	192.168.0.1
	208.67.222.222
	208.67.220.220
Manufacturer:	Realtek Semiconductor Corp.
Description:	Realtek RTL8723B Wireless LAN 802.1

b) Connected via Ethernet

- Click on the network icon in the taskbar and click on "Network and Internet Settings".
- Click on "View your network properties".



Status

Network status



You're connected to the Internet

If you have a limited data plan, you can make this network a metered connection or change other properties.

Change connection properties

Show available networks

Change your network settings

Change adapter options
View network adapters and change connection settings.

Sharing options
For the networks you connect to, decide what you want to share.

Network troubleshooter
Diagnose and fix network problems.

View your network properties

Windows Firewall

View your network properties

Properties

Name:	Ethernet
Description:	Realtek PCIe GBE Family Controller
Physical address (MAC):	00:e0:4c:b4:24:7a
Status:	Operational
Maximum transmission unit:	1500
Link speed (Receive/Transmit):	1000/1000 (Mbps)
DHCP enabled:	Yes
DHCP servers:	10.2.42.1
DHCP lease obtained:	Saturday, March 13, 2021 5:48:58 PM
DHCP lease expires:	Monday, April 12, 2021 5:48:58 PM
IPv4 address:	10.2.42.122/24
IPv6 address:	fe80::84a7f6f8a3eb51bfa%4/64
Default gateway:	10.2.42.1
DNS servers:	10.1.12.4, 208.67.222.222, 208.67.220.220

- The IP address is listed as an IPv4 address.
- The IPv4 address of the DNS server or default gateway corresponds to the address of your router in simple networks.
- Make a note of both addresses to set a fixed IP address later. This is mandatory for using the Tectool.

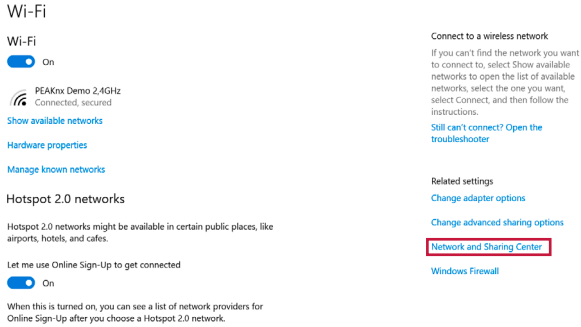
You create a fixed IP address as follows:

a) Connected via WLAN:

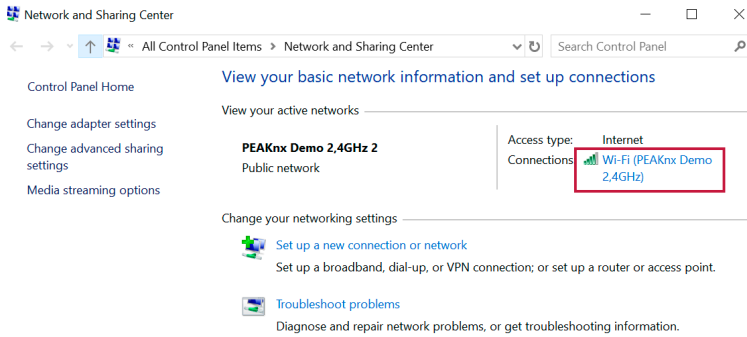
- Enter “WLAN” in the Windows search input and select “Wi-Fi settings”.

b) Connected via Ethernet:

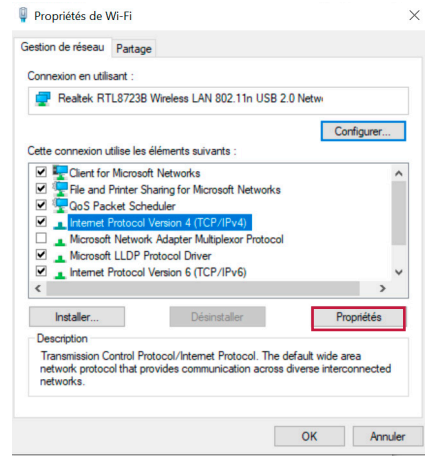
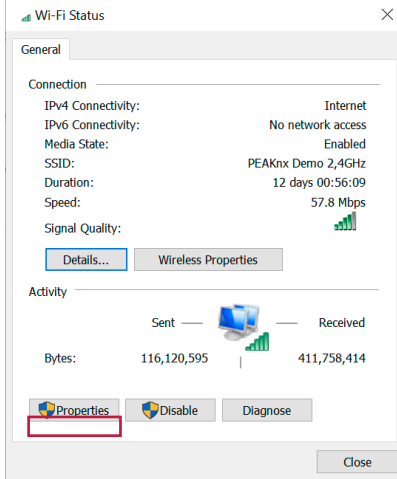
- Type “Ethernet” in the Windows search input and select “Ethernet Settings”.



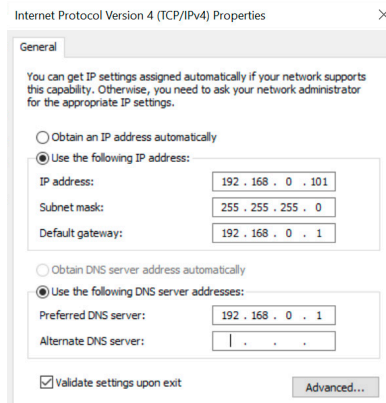
- Open the Network and Sharing Center.
- Select the connected WLAN or Ethernet under “Active networks” > “Connections”.



- Select “Properties” in the next window and “Internet Protocol, Version 4 (TCP/IPv4)” in the following window.
- Select “Properties” again.



- Select “Use the following IP address:”.
- And enter [the noted IP addresses](#) for “IP Address” and “Default Gateway”.
- The “Subnet mask” field is filled in automatically when you click in the field.
- As preferred DNS server the IP address of the router is stored in the standard case, [see above](#).
- Check the box “Check settings on exit”.
- Confirm with “OK”.



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