



Screen control

with the Tectool and the YOUVI logic module EN

Short Guide

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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	O Custom State	KNX Telegram		
					Device:	
					HVAC Output	\bigtriangledown
					Property:	
					Binary Value	\bigtriangledown
					Trigger event on any value change Trigger event on exact value Value: The second sec	
Trigger Name:	H	VAC Output:	Binary value	e: = 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 <u>here</u>.

Choose ac	tivity type:								
Device	Action	http:// HTTP Call	(S) Custom State	Email	Notifi- cation	Visu Theme	KNX Telegram		
Delay afte	r trigger:							Method:	
0	h 0	min	0	s				GET	\bigtriangledown
								URL:	
								http://192.168.0.101:49998/TecControl;MonitorEin	
								+	
Action Na	me:		Turn Control	mini-LCD on					

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

	TecTool Prot	fessional v3.1.0	- X
	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	OuadClient 🔻	Tvp	Nicht vorhanden

A <u>fixed IP address</u> 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	命 Wi-Fi	
Wi-Fi	Properties	
	SSID:	PEAKnx Demo 2,4GHz
PEAKnx Demo 2,4GHz	Protocol:	802.11n
Connected, secured	Security type:	WPA2-Personal
Show available networks	Network band:	2.4 GHz
Hardware properties	Network channel:	6
	Link-local IPv6 address:	fe80::ccea:ef94:7995:e77%20
Manage known networks	IPv4 address:	192.168.0.101
	IPv4 DNS servers:	192.168.0.1
Hotspot 2.0 networks	-	208.67.222.222 208.67.220.220
Hotspot 2.0 networks might be available in certain public places, like airports, botels, and cafes	Manufacturer:	Realtek Semiconductor Corp.
an ports, noters, and cares.	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	Properties	
	Name: Ethernet Description: Realtek PCIe GBE Family Control	ller
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.	Physical address (MAC): 00:e0:4c:b4:24:7a Status: Operational	
Change connection properties	Maximum transmission unit: 1500 Link speed (Receive/Transmit): 1000/1000 (Mbps)	
Change your network settings	DHCP enabled: Yes DHCP servers: 10.2.42.1	
Charge adapter options View network adapters and change connection settings.	DHCP lease obtained: Saturday, March 13, 2021 5:48:58 DHCP lease expires: Monday, April 12, 2021 5:48:58 P	3 PM PM
Sharing options For the networks you connect to, decide what you want to share.	IPv4 address: 10.2.42.122/2 IPv6 address: fo0P=84.37458=3ab5-1bfa96.4/64	
Network troubleshooter Diagnose and fix network problems.	Default gateway: 10.2.42.1	
View your network properties Windows Firewall	DNS servers: 10.1.12.4, 208.67.222.22, 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".

Wi-Fi	
Wi-Fi	Connect to a wireless network
On PEAKnx Demo 2.4GHz Connected, secured	If you can't find the network you want to connect to, select Show available networks to open the list of available networks, select the one you want, select Connect, and then follow the
Show available networks	instructions.
Hardware properties	Still can't connect? Open the troubleshooter
Manage known networks	
	Related settings
Hotspot 2.0 networks	Change adapter options
Hotspot 2.0 networks might be available in certain public places, like	Change advanced sharing options
airports, noteis, and cares.	Network and Sharing Center
Let me use Online Sign-Up to get connected	Windows Eizewall
On	
When this is turned on, you can see a list of network providers for Online Sign-Up after you choose a Hotspot 2.0 network.	

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

💱 Network and Sharing Center		- 🗆 X
← → × ↑ 💐 « All Contro	I Panel Items > Network and Sharing Center	✓ U Search Control Panel A
Control Panel Home	View your basic network informa	tion and set up connections
Change adapter settings	View your active networks	
Change advanced sharing settings	PEAKnx Demo 2,4GHz 2 Public network	Access type: Internet Connections Wi-Fi (PEAKnx Demo
Media streaming options		2,40n2)
	Change your networking settings	
	Set up a new connection or netwo Set up a broadband, dial-up, or VI	rk PN connection; or set up a router or access point.
	Troubleshoot problems	alams or not traublacknoting information

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

a Wi-Fi Status	X V Propriétés de Wi-Fi	
General	Gestion de réseau Partage	
Connection	Connexion en utilisant :	
IPv4 Connectivity: Internet	📑 Realtek RTL8723B Wireless LAN	802.11n USB 2.0 Netwo
IPv6 Connectivity: No network access Media State: Enabled	Cette connexion utilise les éléments suiv	Configurer
SSID: PEAKnx Demo 2,4GHz	Client for Microsoft Networks	^
Duration: 12 days 00:56:09	File and Printer Sharing for Micr	rosoft Networks
Speed: 57.8 Mbps	QoS Packet Scheduler	
Signal Quality:	Internet Protocol Version 4 (TC Microsoft Network Adapter Mult	(P/IPv4) Itiplexor Protocol
Details Wireless Properties	Microsoft LLDP Protocol Driver	r P/IPv6) ✓
Activity	<	>
Sent — 🛄 — Received	Installer Dési	installer Propriétés
Bytes: 116,120,595 411,758,414	Transmission Control Protocol/Interne network protocol that provides commu networks.	et Protocol. The default wide area unication across diverse interconnected
Properties Oiagnose		
		OK Annuler
Clos	2	

- 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, <u>see</u> <u>above</u>.
- Check the box "Check settings on exit".
- Confirm with "OK".

neral		
ou can get IP settings assigned a his capability. Otherwise, you nee or the appropriate IP settings.	utomatically if your network supports d to ask your network administrator	
Obtain an IP address automa	tically	
• Use the following IP address:		
IP address:	192.168.0.101	
Subnet mask:	255.255.255.0	
Default gateway:	192.168.0.1	
Obtain DNS server address a	utomatically	
Use the following DNS server	addresses:	
Preferred DNS server:	192.168.0.1	
Alternate DNS server:		

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