TANlock

Assembly instructions

Package contents

① 1 x TANlock

② 1 x Cover cap - long

③ 1 x Cover cap - short

④ 2 x Cylinder head screw DIN7985 M4x25c

⑤ 2 x Cylinder head screw DIN7985 M4x18

⑥ 1 x Hexagon screw mit Verzahnung M6x8

⑦ 1 x Cam lock housing

Unpacking

1. Open the packaging, pull on the plastic tab and remove the **TAN**lock.

2. Pull out the inner carton and open the side door to take out the assembly kit.

Assembly

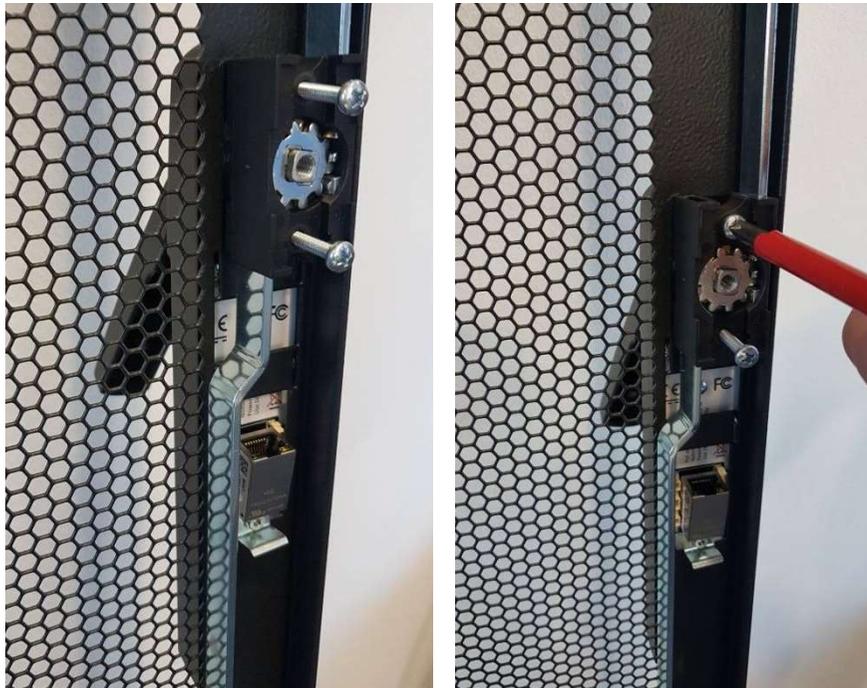**3.** Loosen the retaining plate slightly.

4. Hang the **TAN**lock into the door cut-out and press the mandrel into the existing locking mechanism.

Assembly

5. Insert the enclosed *cylinder head screws* for your cabinet through the locking mechanism into the **TAN**lock and screw them tight.

6. Fasten the retaining plate.

If you have a **lever lock**, continue.

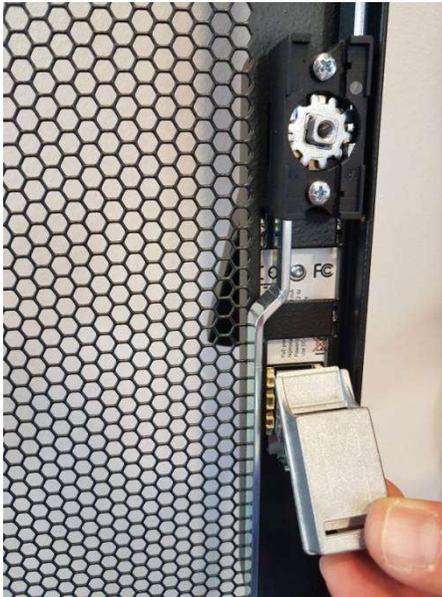If you have a **bar lock**, go to point 8.

Assembly

7. If you use a *lever lock*, place the **cam lock housing** on the mandrel of the **TAN**lock and screw it down with the enclosed M4x18 *cylinder head screws* ⑤.

Assembly

8. Fasten the fitting cover cap to your cabinet at the **TAN**lock. Hook the cover cap at the top and click the cap at the bottom into the retaining plate.
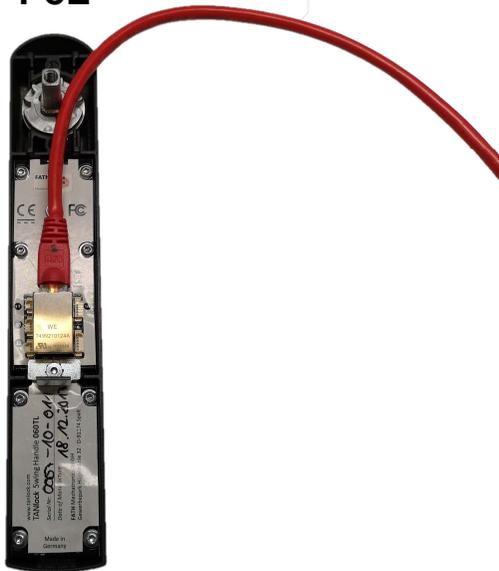
Assembly

9. Connect the **TAN**lock via Power over Ethernet (PoE) or with the serial cable over PC/powerbank. The TANlock is now lockable and unlockable with the standard code: 123412

PoE

Serial cable

TANlock

Installation-Guide

First Steps

1. Download the **»TAN**lock Explorer**«** at the following link:

https://crm.fath-mechatronics.de/~sXd8o

2. Connect your **TAN**lock to your PC.
You have two options:

Connect via **serial cable**		Connect via **ethernet cable**

⚠ Pay attention to the correct driver for the serial cable!

Never connect both at the same time!

⚠ pay attention to firewall release!
- The **TAN**lock may not yet be implemented in the corporate network because the TANlock is delivered with a fixed IP-address
- Connect via PoE-Injector or PoE-Switch

Download the driver here:
http://www.ftdichip.com/Drivers/C DM/CDM%20v2.12.28%20WHQ L%20Certified.zip
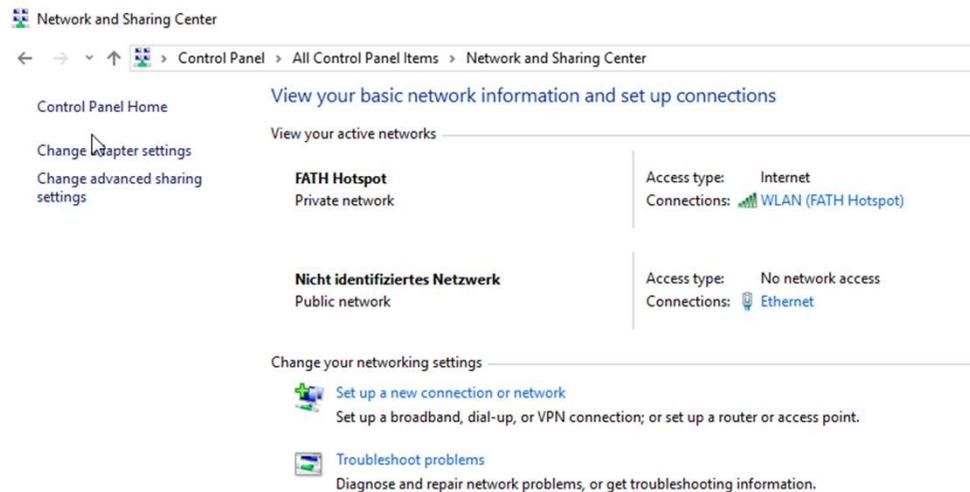
Network Settings

in conjunction with ethernet

1. Connect your TANlock to the ethernet cable and your PC.

2. Open your Windows Settings.

3. Continue to Network & Internet.

4. Click with the mouse on the "blue" deposited "Ethernet" port.

Network Settings

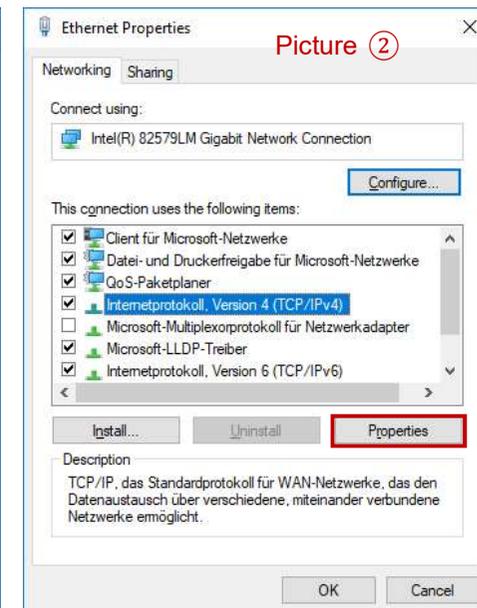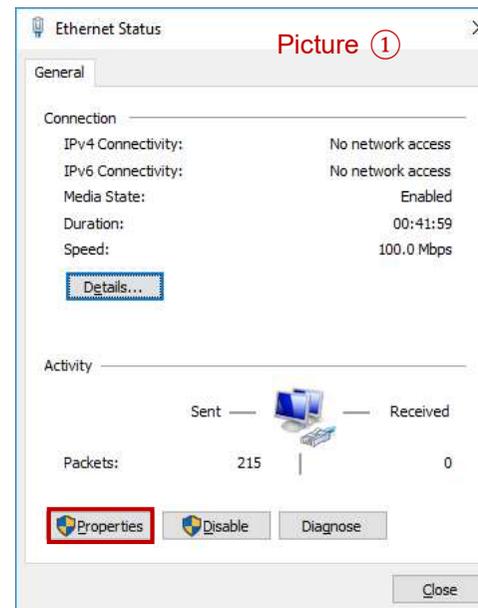## in conjunction with ethernet

5. The window "Ethernet Status" opens, see picture 1.

6. Click on the button "Properties" - button, see picture 1.

7. Click the "Internet Protocol, Version 4 (TCP/IPv4)" box and click "Properties", see picture 2.

Picture ①

Ethernet Status

General

Connection
IPv4 Connectivity:	No network access
IPv6 Connectivity:	No network access
Media State:	Enabled
Duration:	00:41:59
Speed:	100.0 Mbps

Details...

Activity

Sent — Received

Packets: 215   0

Properties   Disable   Diagnose

Close

Picture ②

Ethernet Properties

Networking   Sharing

Connect using:
Intel(R) 82579LM Gigabit Network Connection

Configure...

This connection uses the following items:
☑ Client für Microsoft-Netzwerke
☑ Datei- und Druckerfreigabe für Microsoft-Netzwerke
☑ QoS-Paketplaner
☑ Internetprotokoll, Version 4 (TCP/IPv4)
☐ Microsoft-Multiplexorprotokoll für Netzwerkadapter
☑ Microsoft-LLDP-Treiber
☑ Internetprotokoll, Version 6 (TCP/IPv6)

Install...   Uninstall   Properties

Description
TCP/IP, das Standardprotokoll für WAN-Netzwerke, das den Datenaustausch über verschiedene, miteinander verbundene Netzwerke ermöglicht.

OK   Cancel

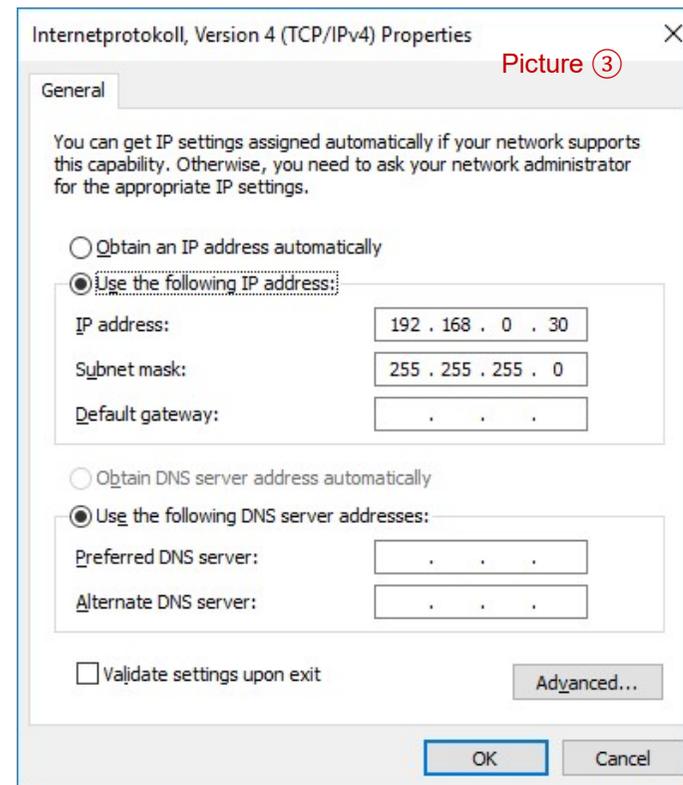# Network Settings

in conjunction with ethernet

8. The window "Internet Protocol, Version 4 (TCP/IPv4) " opens, see picture 3.

9. Takeover the specified IP-address / Subnet mask, as shown in picture 3.

10. Acceot the setting with the "OK" button and close all the opened windows.

Now you can connect to the TANlock via TANlock-Explorer.

Follow the instructions on page 15.

Picture ③

Connect via serial cable

1. Download and install the appropriate driver at the following link:

   http://www.ftdichip.com/Drivers/CDM/CDM%20v2.12.28%20WHQL%20Certified.zip

2. Connect your **TAN**lock via serial cable to your PC.

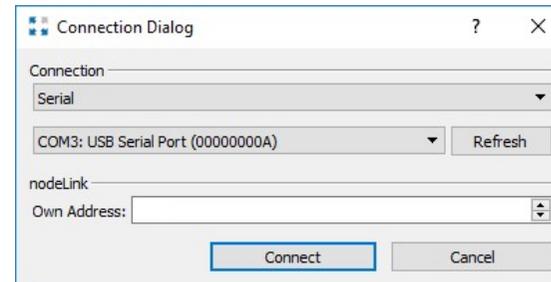# TANlock – Configuration
via TANlock-Explorer

1. Open the **TAN**lock-Explorer.

Option 1: Ethernet cable
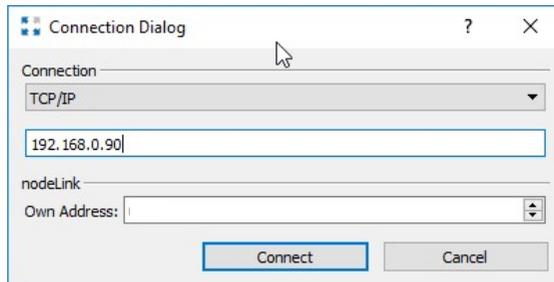
Option 2: Serial cable

Select one of the two options and continue with "Connect"

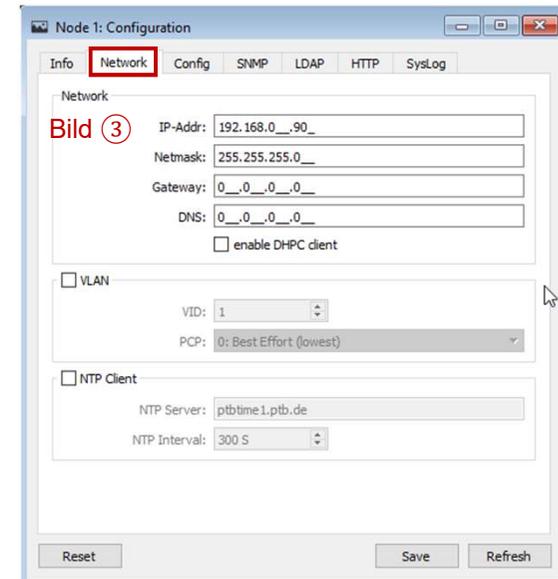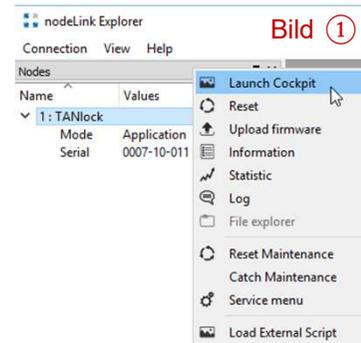# TANlock – Configuration

via TANlock-Explorer

2. Right-click on the word TANlock and select "Launch Cockpit", see picture 1.

3. It opens a password window. Enter the password "91174" here, see picture 2.

4. Confirm the next window with "OK".

5. The configuration window opens, see picture 3.

6. In the "Network" tab you can now change your IP settings. You must confirm all changes with "Save" and conclude by right clicking on the word **TAN**lock with "Reset" (see picture1).

Bild ①

nodeLink Explorer
Connection   View   Help

Nodes

Name	Values
∨ 1 : TANlock	
Mode	Application
Serial	0007-10-011

- Launch Cockpit
- Reset
- Upload firmware
- Information
- Statistic
- Log
- File explorer
- Reset Maintenance
- Catch Maintenance
- Service menu
- Load External Script

Bild ②

Password   ?   ✕

Please enter user password

•••••

[OK]   [Cancel]

Bild ③

Node 1: Configuration

Info | Network | Config | SNMP | LDAP | HTTP | SysLog

Network

IP-Addr: 192.168.0__.90_
Netmask: 255.255.255.0__
Gateway: 0__.0__.0__.0__
DNS: 0__.0__.0__.0__
☐ enable DHPC client

☐ VLAN
VID: 1
PCP: 0: Best Effort (lowest)

☐ NTP Client
NTP Server: ptbtime1.ptb.de
NTP Interval: 300 S

Reset   Save   Refresh

TANlock

Access to the **TAN**lock via internet browser

1. Open your internet browser and enter the IP-address of your **TAN**lock as follows:

   <ip-address>/lab/info

   The delivery status is: 192.168.0.90

Here you can see the current state of your **TAN**lock.

```
{
        "software": "09",
        "hardware": "xx",
        "serialno": "0007-10-011",
        "macaddr": "40:D8:55:03:12:67",
        "time": "Sat Jan  1 02:19:22 2000",
        "user": "",
        "sensor": {
                "lock": "true",
                "handle": "false",
                "motor": "true",
                "temperature": "0"
        },
        "external": {
                "ext_11": "false",
                "ext_12": "false",
                "relais": "false"
        }
}
```

TANlock

Access to the **TAN**lock via internet browser

2. With the input command you are able to open your **TAN**lock remotely.

Enter the command as follows:

<ip-address>/lab/input/123412

In the delivery state the code is: 123412
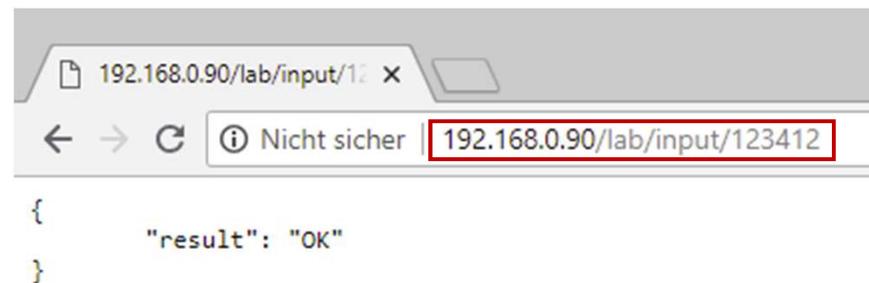
TANlock

Access to the **TAN**lock via internet browser

2. The help command gives you an overview of all browser options.

Enter the command as follows:

<ip-address>/help

Finish!