



## NETIO PowerBOX 4KE Smart Power Strip with Metering User Guide

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# NETIO

PowerBOX 4KE  
PowerBOX 4KF  
PowerBOX 4KG



### Quick Installation Guide

Thank you for purchasing a product of NETIO product a.s. Before using your product for the first time, please read this short guide to avoid problems with incorrect installation or use. For more information, please see the User's Manual available at <http://netio-products.com>.

**Please read carefully the following notice.**

The NETIO PowerBOX 4Kx is an electrical device. Mishandling may damage the device, void your warranty, or result in injury or death.

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## Safety Notices

1. The manufacturer is not liable for any damage caused by incorrect use of the device or by operating it in an unsuitable environment.
2. The device is not rated for outdoor use.
3. Do not expose the device to strong vibrations.
4. Unauthorized modifications may damage the device or cause a fire.
5. Protect the device from liquids and excessive temperatures.
6. Make sure the device does not fall.
7. Only electrical appliances approved for use with the electrical network may be connected to the device.
8. Do not connect multiple devices in series.
9. The cable plug must be easily accessible.
10. The device is completely switched off only when unplugged.
11. If the device malfunctions, disconnect it from the electrical outlet and contact your vendor.
12. Do not cover the device.
13. Do not use the device if it appears to be mechanically damaged.
14. Make sure that the input and output cables are rated for the respective current.

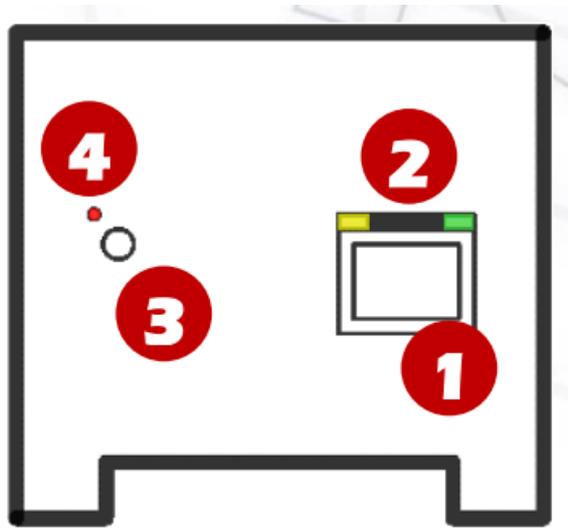
## Minimum system requirements

A device with an Internet browser (Firefox, Opera, Mozilla, Chrome, etc.) that has JavaScript and Cookies support enabled.

## Package contents:

- NETIO PowerBOX 4Kx device
- Quick Installation Guide (QIG)

## Status / control indication



1. 1x RJ45 LAN connector
2. RJ45 LEDs device states (yellow and green)
3. Multifunction "SETUP" button
4. M2M activity LED (red)

## LED and button functions

### OUTPUT LEDs

RJ45 – green	Network Link (lit) + Activity (flashes)
RJ45 – yellow	1x flash when the device starts 3x flash when the internal system restarts
M2M (red)	Blink when some M2M communication is in progress

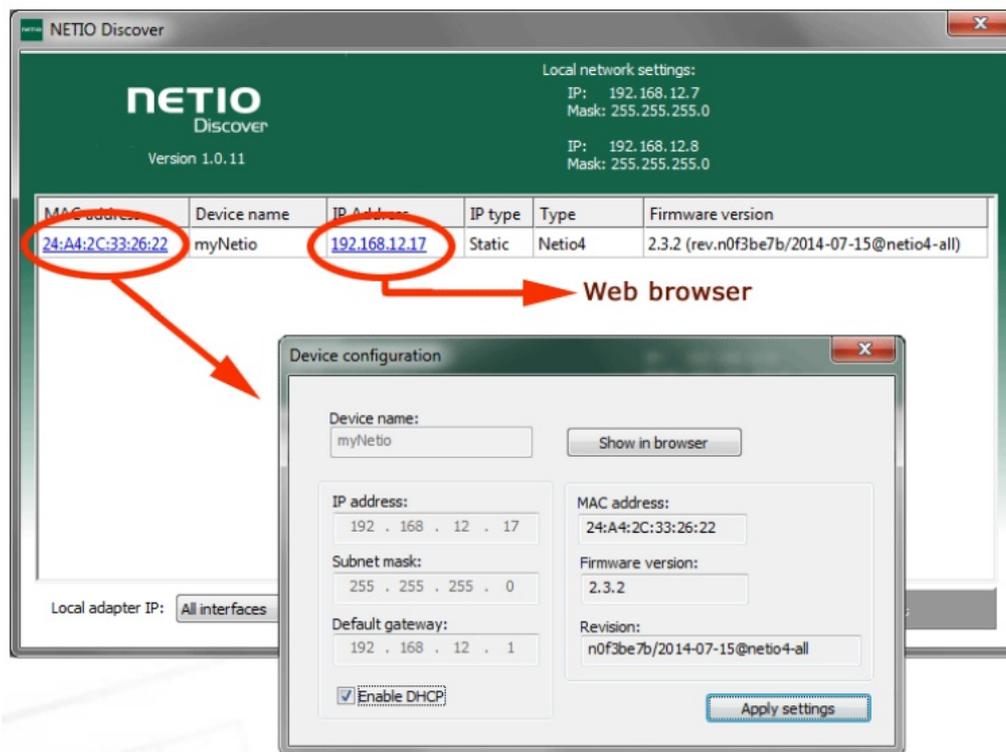
SETUP button	Output test:
Switching all outputs	Press the SETUP button 3x rapidly. – If any of the output is On (1) -> Off (0). – If all outputs are Off (0), All outputs ->On (1).
Restoring factory defaults	When powering on the device, hold the "SETUP" button pressed for about 10 seconds, until the yellow LED on the RJ45 jack flashes 3 times.

### Before the first use

1. Connect your NETIO device to a LAN with a network cable (RJ45).
2. Connect the NETIO device to a mains electrical outlet with the power cable.
3. Wait about 1 minute until the device starts and receives the IP address from the DHCP server.

### NETIO Discover

1. Find the **NETIO Discover** (MS Windows) utility on our website and install it.
2. **NETIO Discover** finds all NETIO devices on the network and displays them.  
**Click on the IP address to open the web interface .**
3. The displayed MAC address can be checked with the label on the device.



**Note:**

A DHCP server is required for the first installation. Fixed IP address, mask, and GW can be defined via the device web later.



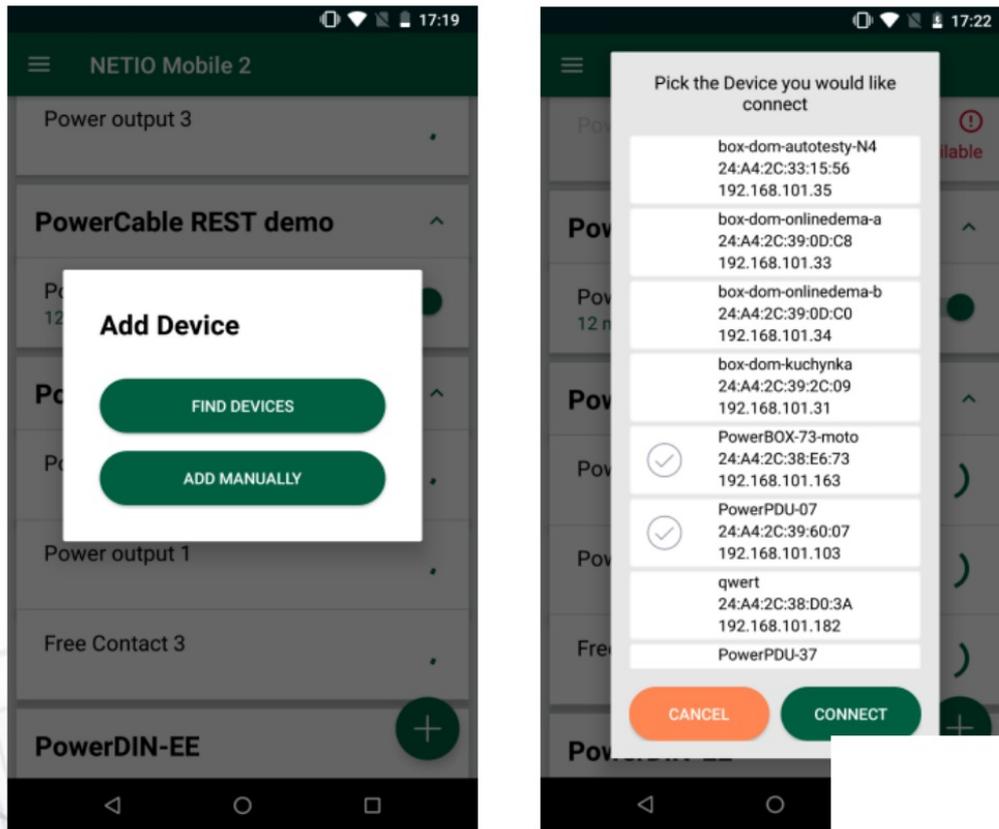
See video how to find NETIO devices on the local network: [https://www.youtube.com/watch?v=Nv\\_rF0GTG3c](https://www.youtube.com/watch?v=Nv_rF0GTG3c)  
**NETIO Mobile2 Android application**



You can use the NETIO Mobile2 application for Android to discover the local network and find NETIO devices there. Make sure your mobile device is connected to the same network as the NETIO device.

1. Start NETIO Mobile2 app.

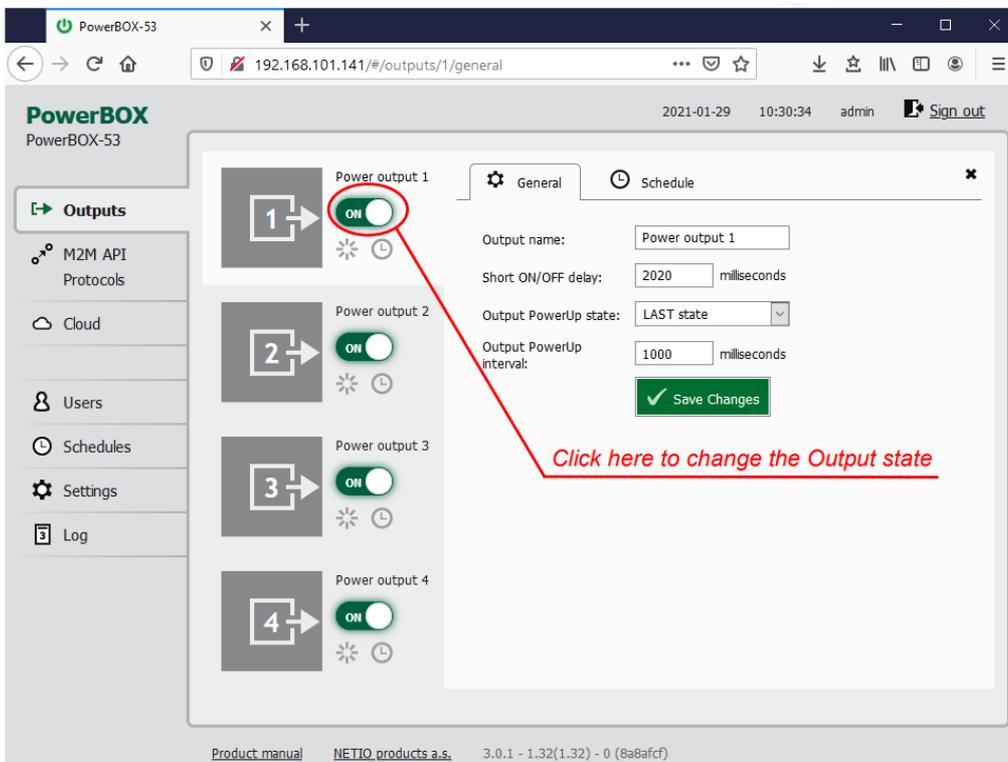
2. Click on “+” in the right bottom corner.
3. Click on “FIND DEVICES”. The list of all discovered NETIO devices will appear (displaying name, MAC, IP Address).
4. You can select the device and click “CONNECT” to add this device to the mobile app and control it then.



<https://play.google.com/store/apps/details?id=cz.netio.netio>

## WEB interface

The default username/password combination is **admin/admin**.



## Specifications

Power	100-240 V; 50/60 Hz; 16 A – PowerBOX 4KE 100-240 V; 50/60 Hz; 16 A – PowerBOX 4KF 100-240 V; 50/60 Hz; 13 A – PowerBOX 4KG
Switched outputs	16 A in total / 16 A each output – PowerBOX 4KE 16 A in total / 16 A each output – PowerBOX 4KF 13 A in total / 13 A each output – PowerBOX 4KG
Maximum line breaker capacity	C16A – PowerBOX 4KE C16A – PowerBOX 4KF C13A – PowerBOX 4KG
Fuse	Integrated, non-resettable
Internal consumption	Max 2 W
Output relay	Micro-disconnection ( $\mu$ ) (resistive load), SPST 1E5 switching cycles, max. 1.5 kV pulse voltage Switch heat and fire resistance class 1
Interfaces	1x Ethernet RJ-45 10/100 Mbit/s Attention! Devices connected over LAN must be connected in a network with the same earth potential (PE).
Environment	IP30, protection rating = class 1 Operating temperature -20°C to 65°C / 10A -20°C to 50°C / 16A Device rated for pollution degree 2. Permanent use in altitudes up to 2000 MASL (meters above sea level). Does not require additional cooling.



## DECLARATION OF CONFORMITY

Manufacturer/Importer:	NETIO products a.s.
Address:	U Pily 3/103 143 00 Praha 4, Czech Republic
Product:	<b>NETIO PowerBOX 4KE</b> <b>NETIO PowerBOX 4KF</b> <b>NETIO PowerBOX 4KG</b>

### **RTTED:**

The product mentioned above to which this declaration relates is in conformity with the essential requirements and other relevant requirements of the R&TTE Directive (1999/5/EC).

### **LVD:**

The product mentioned above to which this declaration relates is in conformity with the essential requirements and other relevant requirements of the Directive 2006/95/EC. The product mentioned above is in conformity with the following standards and/or other normative documents:

**EN 60950-1**

**EN 62368**

### **RoHS:**

The product mentioned above to which this declaration relates is in conformity with the essential requirements and other relevant requirements of the Directive 2011/65/EU (restriction of the use of certain hazardous substances in electrical and electronic equipment).

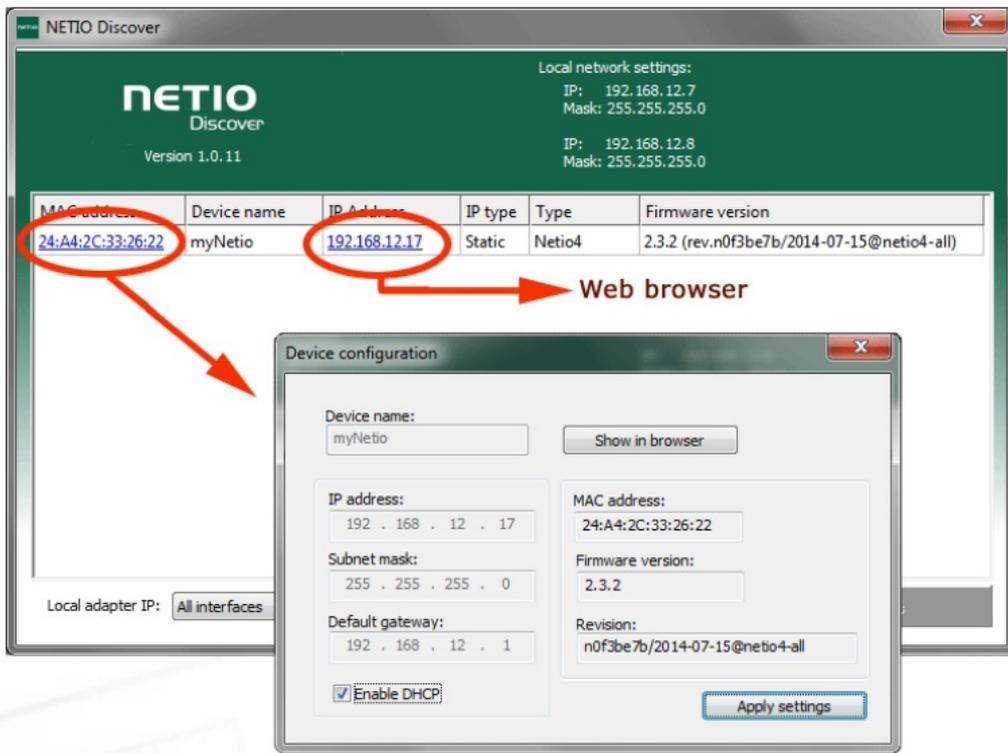
The product mentioned above is in conformity with the following standards and/or other normative documents:

**EN 50581: 2012**

Czech Republic, Prague, January 29th, 2021

**Jan ehák, Chair of the board**

**Installation utility:**

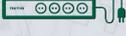


To find the device on the LAN network please install the **NETIO Discover** for MS Windows. Or use a mobile app "**NETIO Mobile 2**" for Android phones & search on the LAN.

Network mode	<b>LAN</b>
Cable	DHCP client
Default Web password	Username: " <b>admin</b> ", password: " <b>admin</b> "
Factory defaults	Power off the device. Press and hold the SETUP button Power On the device and hold the button (approx. 10 seconds) until the RJ45 Yellow LED 3 times blink. Release the SETUP button



**Documents / Resources**

<p>PowerBOX 4KE PowerBOX 4KF PowerBOX 4KG</p> <p>QIG</p> <p> QIG (Quick Installation Guide)  QIG (Multi p2-socket install)</p> 	<p><a href="#">NETIO PowerBOX 4KE Smart Power Strip with Metering</a> [pdf] User Guide PowerBOX 4KE, PowerBOX 4KF, PowerBOX 4KG, Smart Power Strip with Metering</p>
<p>PowerBOX 4KE PowerBOX 4KF PowerBOX 4KG</p> <p>QIG</p> <p> QIG (Quick Installation Guide)  QIG (Multi p2-socket install)</p> 	<p><a href="#">NETIO PowerBOX 4KE Smart Power Strip with Metering</a> [pdf] Installation Guide PowerBOX 4KE, PowerBOX 4KF, PowerBOX 4KG, Smart Power Strip with Metering</p>

## References

- [NETIO products a.s. | Professional smart power sockets, strips and PDUs](#)
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