



Plant Monitoring  
**Sunny WebBox with Bluetooth® Wireless Technology**  
 Quick Introduction for Commissioning



SWebbox20-SE-BEN101210 | 98-0024210 | Version 1.0

EN

**SYSTEM REQUIREMENTS**

**Operating system:**

- Microsoft Windows 7
- Microsoft Windows Vista
- Microsoft Windows XP SP2
- Linux with Kernel as of Version 2.6.12\* (KDE)
- MacOS as of Version 10.6\*

\* with Sun Java Runtime Environment (JRE) as of Version 6

**Recommended screen resolution:**

1,024 pixel x 768 pixel

**Web browser:**

- Internet Explorer Version 8 and higher
- Firefox Version 3.6 and higher

**A PREPARATION**

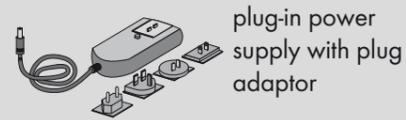
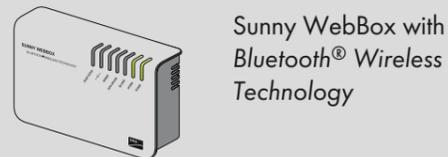
This quick introduction will guide you through the commissioning stages of your Sunny WebBox with Bluetooth with the help of the Sunny WebBox Assistant.

Download the Sunny WebBox Assistant from the download area on [www.SMA.de](http://www.SMA.de). Make sure that all the SMA Bluetooth devices of your PV plant have been set and put into operation under the same NetID. Your installer will inform you which NetID is applicable.

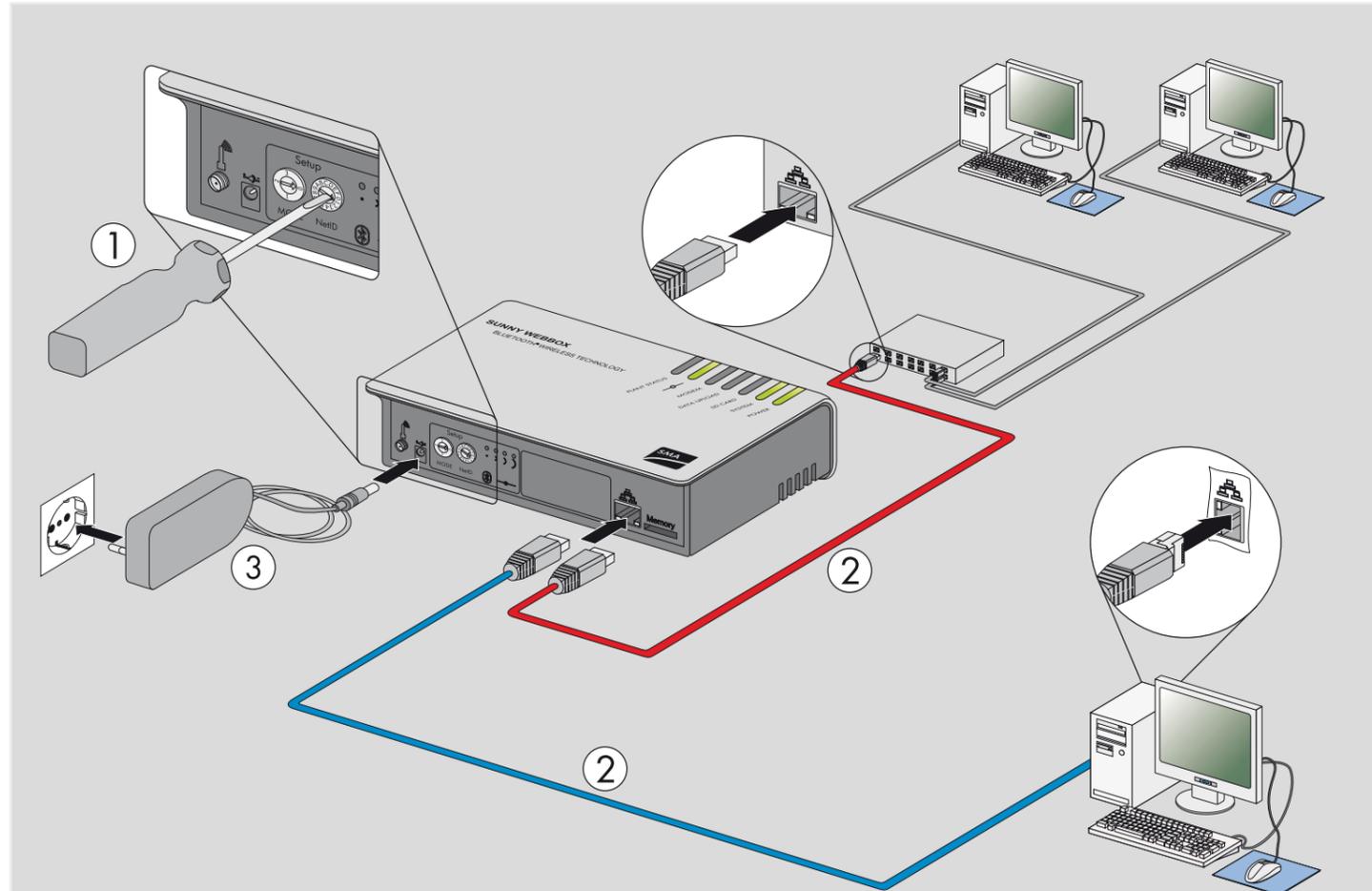
Identify the ideal installation/mounting location for the Sunny WebBox with Bluetooth using the Sunny Explorer software or the Sunny Beam with Bluetooth. Note the remarks in the installation guide of the Sunny WebBox with Bluetooth on the installation/mounting location.

**B UNPACKING**

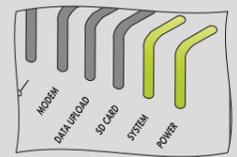
For commissioning you will need the following parts from the packaging:



**C COMMISSIONING THE SUNNY WEBBOX**



- 1 Set the NetID of your PV plant in the Sunny WebBox.
  - 2 Connect the Sunny WebBox and a node (e.g., router, switch, hub) using the red network cable (recommended).  
 or  
 Connect the Sunny WebBox directly to the computer using the blue network cable.
  - 3 Connect the plug-in power supply to the Sunny WebBox and plug this into the socket.
- As soon as the „SYSTEM“ and „POWER“ LEDs glow green, the Sunny WebBox has started up and is ready for operation. The start-up procedure can take up to 90 seconds.



If either of the „SYSTEM“ or „POWER“ LEDs is not glowing green, please read the „TROUBLESHOOTING“ section.

## D STARTING THE SUNNY WEBBOX ASSISTANT

**i Activate JavaScript in the Web browser**  
The user interface of the Sunny WebBox and the Sunny WebBox Assistant needs JavaScript in order to be able to display and execute contents and functions correctly. Activate JavaScript in your web browser. If necessary, read the „help“ section of the web browser.

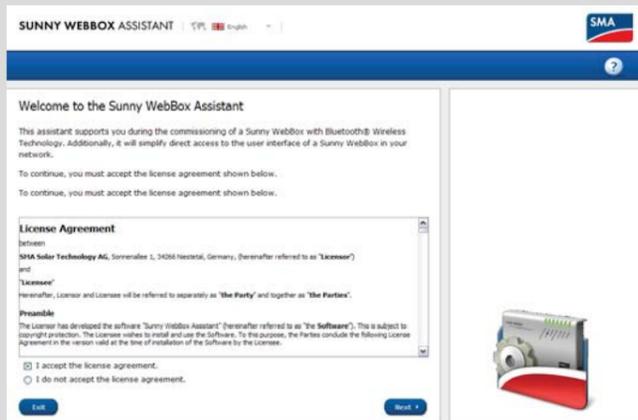
**i Put all nodes into operation.**  
If you wish to integrate the Sunny WebBox in a local network without the Dynamic Host Configuration Protocol (DHCP), put all the nodes of your local network into operation. The Sunny WebBox Assistant will support you in assigning a free IP address.

- 4 Download the Sunny WebBox Assistant from the download area of [www.SMA.de](http://www.SMA.de).
- 5 Execute the relevant start file of the Sunny WebBox Assistant for the operating system you are using:

Operating system	Start file for the Sunny WebBox Assistant
Microsoft Windows 7, Microsoft Windows Vista, Microsoft Windows XP SP2	Sunny-WebBox-Assistant.exe
Linux*, MacOS*	Sunny-WebBox-Assistant.jar

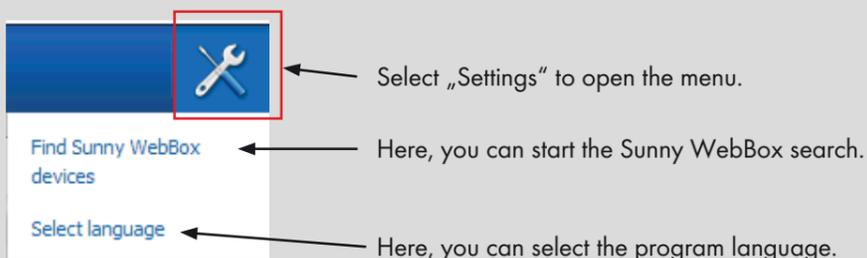
\* with Sun Java Runtime Environment (JRE) as of Version 6

- The Sunny WebBox Assistant opens in the web browser.



- If the Sunny WebBox Assistant does not open automatically, refer to the „TROUBLESHOOTING“ section.

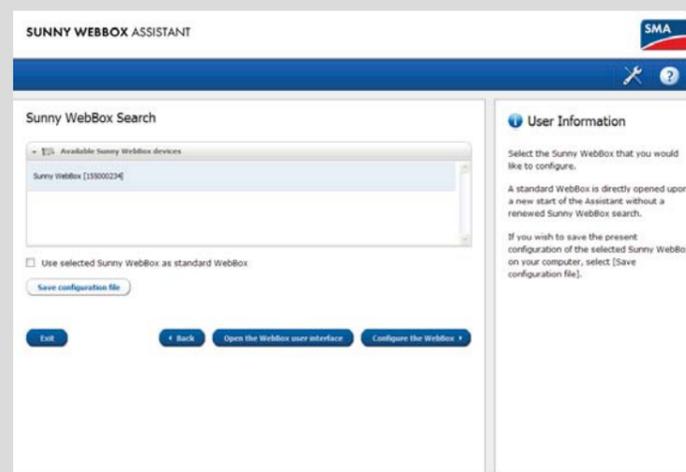
## E MENU OVERVIEW



## F SUNNY WEBBOX SEARCH

- 6 Accept licence agreement and select [Continue].
- 7 If the Sunny WebBox is not yet connected: connect the Sunny WebBox and select [Continue].

- The Sunny WebBox Assistant starts searching for Sunny WebBox devices in your network.



- If you do not find your Sunny WebBox, see the „TROUBLESHOOTING“ section.

## G CONFIGURING SUNNY WEBBOX

- 8 Select the Sunny WebBox to be configured.
  - 9 Select [Configure WebBox].
- The Sunny WebBox Assistant leads you through the basic settings of the Sunny WebBox. Follow the instructions in the Sunny WebBox Assistant.

- 1 Sunny WebBox login
- 2 Installation type
- 3 System settings
- 4 Network settings
- 5 Data settings
- 6 Summary and transfer of the Sunny WebBox configuration

## H TROUBLESHOOTING

### The „POWER“ LED is off

- The Sunny WebBox power supply is not active. Check the power supply to the Sunny WebBox.

### The „SYSTEM“ LED is blinking red

- To reconnect the Sunny WebBox, remove the plug-in power supply of the Sunny WebBox from the socket and reinsert it after a short time.
- If the problem is not resolved after a restart, please contact the SMA Serviceline.

### The Sunny WebBox Assistant does not open.

Error message: <http://localhost:4145/s/init>

- There is no standard web browser installed on your operating system. Install a standard web browser on your operating system. If necessary, read the "help" section of the operating system manual.
- There is no web browser installed. Install a supported web browser on your operating system.

### The Sunny WebBox Assistant does not find the Sunny WebBox.

- It is possible that IPv6 is not supported by other network components (e.g., proxy server, WLAN router). Connect the Sunny WebBox via the blue network cable directly to the computer and carry out the search again.
- The Sunny WebBox is located in another network zone which cannot be accessed. Connect the Sunny WebBox via the blue network cable directly to the computer and repeat the search.
- A firewall is blocking the Sunny WebBox connection. During commissioning, deactivate the firewall or permit the required connection (protocols: HTTP, UDP at Port 80). If necessary, read the firewall "help" section. Then repeat the search.

### IPv6 cannot be activated in Windows XP.

- You need administration rights for your computer. After activation, restart the computer and start the Sunny WebBox Assistant again.
- Activate IPv6 in Windows XP SP2 manually (see user manual for the Sunny WebBox).

## CONTACT

If any technical problems arise with the Sunny WebBox with *Bluetooth*® or the Sunny WebBox Assistant, please contact the SMA Serviceline. The following information is required in order to provide you with the necessary assistance:

- Operating system
- Firmware version of the Sunny WebBox
- Software version of the Sunny WebBox Assistant

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