

Installation Guide

VisioNize box

English (EN)

This document complements the operating manual VisioNize box and does not replace it. Please also read the operating manual. The current version can be found on the Internet at www.eppendorf.com/manuals.

1 Warnings



CAUTION! Poor safety due to incorrect accessories and spare parts.

The use of accessories and spare parts other than those recommended by Eppendorf may impair the safety, functioning and precision of the device. Eppendorf cannot be held liable or accept any liability for damage resulting from the use of accessories and spare parts other than those recommended or from improper use.

- ▶ Only use accessories and original spare parts recommended by Eppendorf.



NOTICE! Damage due to overheating.

- ▶ Do not install the device near heat sources (e.g., heating, drying cabinet).
- ▶ Do not expose the device to direct sunlight.
- ▶ Ensure unobstructed air circulation. Maintain a clearance of at least 10 cm around all ventilation gaps.



NOTICE! Damage to the device due to unauthorized modifications.

- ▶ Do not open the device.
- ▶ Do not carry out any work inside the device.



To avoid third-party access, data loss, sample loss and data misuse, secure the VisioNize box against undesired access from the Internet.

- ▶ Contact your network administrator.



Safety notes and other notes in the operating manual apply in addition to the warning notes and hints in this manual.

- ▶ Read this operating manual completely before using the device for the first time.

2 Installation prerequisites

- Access to the VisioNize Lab Suite is available.
- There is a power supply connection available close to the device that corresponds to the specifications on the mains/power supply device.
- There is an enabled network socket for access to the local network available close to the device.
- A standard Ethernet cable is available.



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- A suitable connecting cable to connect the VisioNize box and the lab device is available.
- The lab device has the required software version.



You can find more information on the connecting cable and the software version in the "Compatible devices" chapter.

You can find the information about the necessary firewall settings in the VisioNize operating manual in the "Firewall" chapter.

-  For further information on the accessories, refer to the "Setting up the VisioNize Box" chapter in the VisioNize Lab Suite operating manual.
-  For further information refer to the chapter Installation in the operating manual.

3 Installing the VisioNize box

The VisioNize box may only be connected to the local network and commissioned by a network administrator or a qualified person.

-  An incompatible communications structure will lead to malfunctions in the lab devices.
 - ▶ Only connect approved lab devices.
-  If you disconnect the VisioNize box from your lab device and connect it to another lab device, data loss may occur.

1. Use the mains/power adapter to connect the VisioNize box to the mains/power line.
2. Connect the VisioNize box to the network socket using a standard Ethernet cable.
3. Use a suitable connecting cable to connect lab devices with no network connection to the VisioNize box.

The integration of the VisioNize box is described in the VisioNize Lab Suite operating manual in the VisioNize box chapter.

4 Configuration

General data, network parameters and connected lab devices are managed via a web interface.

If a PC is connected with the VisioNize box in the same network, a web browser is used to configure the VisioNize box.

If using the web interface, the latest versions of the Chrome or Firefox web browsers should be used.

4.1 Login

1. Enter the following address in the Internet browser: "epDevice" + serial number.
Example: <http://epDevice1006AB900001> or <http://<IP address>/>.
The login window opens.

2. If the login window does not open, enter the IP address of the VisioNize box in the address line.

The IP address is available from your network administrator.

3. Enter the password "Eppendorf".

The *Dashboard* with the *Selected devices* page will open.

4.2 Entering general data

1. Select the *Settings* menu.

The *General* tab opens and shows the areas

- *General*
- *Date & Time*
- *Password*
- *Factory settings*

General

2. Enter a device name to better identify the VisioNize box in the network.
3. To save the changes, click on the *Save General Settings* button.

Date & Time



The first two lines show the current time of the VisioNize box and the current time of the browser. The current time of the browser corresponds to the current time of the computer on which the browser is running.

If the time is not set correctly in the VisioNize box, the VisioNize services software cannot process the data of the connected lab devices correctly.

The time can be synchronized manually if the VisioNize box is not synchronized automatically via a time server (refer to Chapter 6.3).

4. Click on the *Save browser time to device* button.

The VisioNize box then uses the current time of the computer.

Password

5. Enter the current and the new password.
6. To save the changes, click on the *Change password* button.

Always replace the default password of a new VisioNize box with an individual password.

Factory settings

7. To overwrite the settings of the VisioNize box with the factory settings, click on the *Reset factory settings* button.

4.3 Configuring the network

The VisioNize box is set to accept automatic configuration via a DHCP server.

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Configuring the network manually

1. If the VisioNize box is not configured automatically, select the *Settings* menu item in the web interface.
2. Select the *Network* tab.
The following areas are displayed:
 - *Network settings*
 - *DNS settings*
 - *NTP settings*
3. Click on the *Manual* button in all areas.
4. Enter the IP addresses for the network and the DNS.
5. If the specified time server cannot be reached, enter the Internet address of a time server in the *NTP server (URL)* line.
6. Click on the *Save network settings* button.

If the configuration attempt fails, note the MAC address on the rear of the VisioNize box and contact one of your company's IT specialists.

4.4 Adding a new device

The VisioNize box only processes the data of lab devices that are included in the list of selected devices.

Newly-connected devices are detected automatically by the VisioNize box until the maximum number of 4 lab devices has been reached.

The web interface is used to manage the lab devices manually.

1. Select the *Dashboard* menu.
2. Select the *Available devices* tab.
A list of available devices is displayed.
3. To add a device, click on the *+Select* button.

4.5 Deselecting the device

1. Select the *Dashboard* menu.
2. Select the *Selected devices* tab.
All active devices are shown.
3. To deselect a device, click on the *-Deselect* button.

5 Maintenance

- ▶ Clean, transport and dispose of the device as described in the operating manual.

Your local distributor: www.eppendorf.com/contact

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