SENTINEL

Hardware Installation Guide

ATTENTION!

Read this guide carefully and completely. It is part of the product and includes important information for proper installation and use. Keep handy for clarification and only pass it on together with the Sentinel product.

SENTINEL
Your pull printing solution

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Safety Instructions

ATTENTION!

Only skilled electricians may assemble and disassemble the housing of the product.

e-Paper does not take any responsibility for faulty mounting of the controller or damage that may be caused.

Risk of short-circuit. Do not bridge contacts. Do not insert anything into ventilation slots or ports.

Risk of injury from stumbling. Install the system and devices attached to it so that people cannot be injured or objects damaged; for example, by dropping them or stumbling.

Avoid places with high temperatures, humidity, or contact with water.

Do not modify or alter the product and its accessories. Make sure you also read the Warranty and Liability section. Do not use any damaged parts.

When transporting, observe the details listed in the Description section, and implement suitable measures. Retain the original packing for this purpose.

For questions, defects, mechanical damages, malfunctions and other functional problems that cannot be resolved by this guide, contact your dealer for repair or replacement, as described in the Warranty and Liability section.

Do not use the controller in ways other than those described in the Description section. Use the product only in dry interior rooms. Not attending to these regulations and safety instructions might cause fatal accidents, injuries, and damage to persons and property.

Sentinel Description

The Sentinel controller is a device for secure pull printing solutions. It comes in two versions:

- Sentinel touch controller
- Sentinel light controller

Scope of delivery:

	Sentinel touch controller	Sentinel light controller
Controller	✓	✓
2 x RJ45 ports	✓	✓
RJ11 port	✓	✓
RFID reader	Optional	✓
LCD screen	✓	
Power supply unit 9 V DC	✓	✓
Copy cable	Optional*	
Wall or desk mounting bracket	✓	
This guide	✓	✓

*Specific to each printer manufacturer

Specifications:

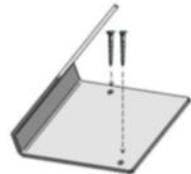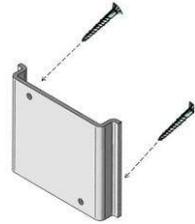| Technology	Description
Operating voltage	8-12 VDC
Input/output ports	2xRJ45, RJ11
Dimensions	165mm x 85mm x 40mm
Weight	188g to 233g, depending on the RFID card reader

CE declaration:

This device corresponds to EU directives 2004/108/EC and 2006/95/EC. With the CE sign, e-Paper Ltd. ensures that the product conforms to the basic standards and directives.

Connecting the Pieces

1. Check the scope of delivery is complete.

2. For Sentinel touch controller:

   - If mounting on a wall, use the supplied wall mounting bracket to install on the wall closest to the printer. Ensure that the screws are appropriate for the wall and use masonry anchors if necessary. Insert the controller into the bracket on the wall from the top downwards.

   - If mounting on a desktop, use the supplied desk mounting bracket to install on a desk close to the printer. Ensure that the screws are appropriate for the surface.

3. Connect the controller using one of the RJ45 ports to the network using an Ethernet cable.

4. Connect the network printer port to one of the RJ45 ports in the Sentinel controller using an Ethernet cable.

5. Copy cable (Sentinel touch controller only): Connect it to the printer to allow control over the copy option.

6. Connect the original power supply unit to the DC socket of the Sentinel controller and then the mains plug to a power socket.

7. For Sentinel light controller: Mount the RFID reader with double-sided tape on the printer or on an accessible nearby wall. Lay the controller behind the printer.

8. Follow the instructions in the Sentinel Installation Guide to complete the software installation and configuration of your system.

Maintenance, Storage, Transport, and Disposal

The controller is maintenance-free.

Always disconnect the controller and unplug the mains plug when not in use.

Use a dry linen cloth to clean your product. Be careful to avoid scratches. Look out for live cables. Do not use any cleaning supplies. This can cause burns to the materials. Avoid liquids.

Avoid places with high temperatures, humidity, or places which can become wet, during maintenance, storage, and transport.

Keep the original packing for transportation to avoid damages.

Disposal instructions:

According to the European WEEE directive, electrical and electronic equipment must not be discarded together with consumers waste. Its components must be recycled or disposed of separately. Otherwise, contaminative and hazardous substances can pollute our environment.

You, as a consumer, are committed by law to dispose of electrical and electronic devices to the producer, the dealer, or public collecting points at the end of the device's lifetime, for free. Particulars are regulated in national rights. The symbol on the product, in the user documentation, or on the packaging alludes to these terms. With this kind of waste separation, application, and waste disposal of used devices, you are sharing in protecting the environment.

Troubleshooting

- Always ensure that connections are tightly closed.
- RJ45 LEDs should be alight and blinking when the network is connected properly.
- The LCD should turn on when you touch the screen and respond to on-screen controls.
- Consult your dealer for further questions.

Warranty and liability:

- The manufacturer grants a one-year warranty for new controllers.
- As the manufacturer has no influence on the installation, the warranty only applies to the product itself.
- If any fault or damage is detected on your controller, please contact your dealer and provide your sales slip or invoice as evidence of the purchase. Your dealer will repair the fault on site or send it to the manufacturer. You make the work of our technicians considerably easier if you can describe the fault in detail.

- The manufacturer is not liable for damage to people or property caused by improper installation, operation, or maintenance, not described in this manual.

- Do not alter or modify the product or its accessories.

- Any use other than described in this guide is not permitted and may result in invalidation of the warranty/guarantee, and non-liability.

- e-Paper is not liable for misprints and changes to the device, packing material, or user documentation.