



# Factsheet

## Eco Reader 4 (9965432)

The Eco Reader is a high power RFID reader designed for applications that require a large read range or must be able to detect a large amount of RFID tags simultaneously. These applications include anti-theft detection antennas and intelligent shelves. Start saving energy.

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# Description

## Description

The Eco Reader is a high power RFID reader designed for applications that require a large read range or must be able to detect a large amount of RFID tags simultaneously. These applications include anti-theft detection antennas and intelligent shelves.

Every Librix Eco Reader comes with a free energy management module. This implies that for each reader, you can decide at which time you want the reader to be powered and when you want it to shut down. When you connect to our online platform Librix Online, you can even set different times for all days of the week. On a yearly basis, this can save more than 60% in energy consumption. Because in our opinion, every milliwatt counts.

## Extra performance

Different libraries require different solutions. By carefully re-engineering the printed-circuit board layout, we have managed to fit a wide range of functionality into one product. All you need in one small box. Libraries also differ in terms of the amount of Audio/Visual items they have in their collection. As Audio/Visual items need extra energy for reliable detection, some libraries have the need for security gates that can generate more power. The Eco-reader can deliver this extra power. Via a two-channel multiplexer that is built into every Eco-reader, one reader can do the job of two. This way, within the natural boundaries of RFID, you can create greater gate widths or increase detection levels, when and where you need it.

## Warranty

As we produce and test all Librix Eco Readers ourselves, we are confident about the quality of the products we provide you with. Therefore, each Librix Eco Reader comes with a 3-year warranty on all components. Because we believe in what we do.

# Features

## Your Benefits

- + Easy to install
- + USB or Network connection
- + Remote supervision
- + EAS-activation / deactivation
- + Multi-label ID
- + Ecological
- + Password features supported for applicable tags

# Compatibility

This product can be connected with the following hardware and software:

## Hardware

- Embedded PC (9941185 or 9967206)
- Detection Gates (9940448, 9940456, 9943269, 9943277, 9955801, 9955810)
- Antenna HF 50Ohm Large 345x295 (9562524)
- Book Trolley XL Red (9946233)
- Intelligent Book Shelf Shielded 1000x325 (9932011, 9915206)
- Intelligent Book Shelf Unshielded 990x225 (7590628, 7590636)
- Intelligent AVM Shelf 200x343 (9954538, 9563709)

## Software

- BiblioCheck4 Intelligent Shelf
- BiblioCheck4 Monitor
- BiblioCheck4 Selfservice

# Specifications

## Physical specifications

<b>Article number:</b>	9965432
<b>Dimensions (mm):</b>	Ca. 230 x 350 x 71 (l x w x h)
<b>Material:</b>	Metal
<b>Weight:</b>	Ca. 2kg
<b>Function:</b>	Check-in / Check-out / Security gates / Smallest branch
<b>Color:</b>	Grey
<b>Mounting:</b>	Can be mounted on wall using supplied DIN-rails.

## RFID specifications

<b>Technology:</b>	RFID
<b>Frequency:</b>	13.56MHz
<b>Maximal power:</b>	4W
<b>Identifies:</b>	ISO 15693 / ISO 18000-3.1
<b>EAS-function:</b>	Yes, based on EAS-bits (NXP-IC) and/or AFI
<b>Tags:</b>	SLI-S, SLI-L, SLI-X, SLI-X-S, SLI-X-L and SLI-X2

## Connection / Communication specifications

<b>Communication ports:</b>	USB / UTP
<b>Max length communication cable:</b>	USB: 5m / UTP: 90m
<b>IP Address:</b>	Static / DHCP
<b>Antenna connectors:</b>	4x 50Ω BNC connector

## Electrical Specifications

**Supply voltage:** AC: 100-240VAC, 50/60Hz

**Working voltage:** DC: 24V

**Power consumption:** Max. 15 Watt

**Length power cable:** 1,5m

## Environmental Specifications

**Operating temperature:** 0 / +40 °C

**Storage temperature:** -10 / +55 °C

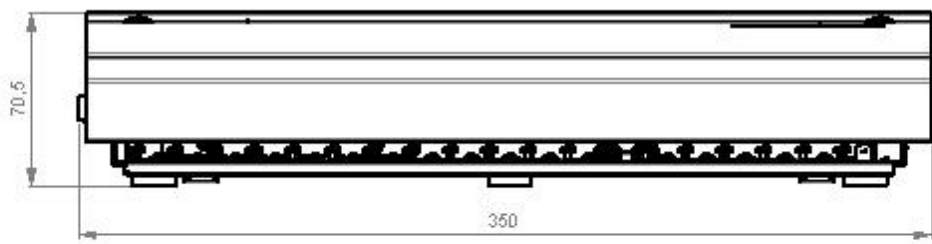
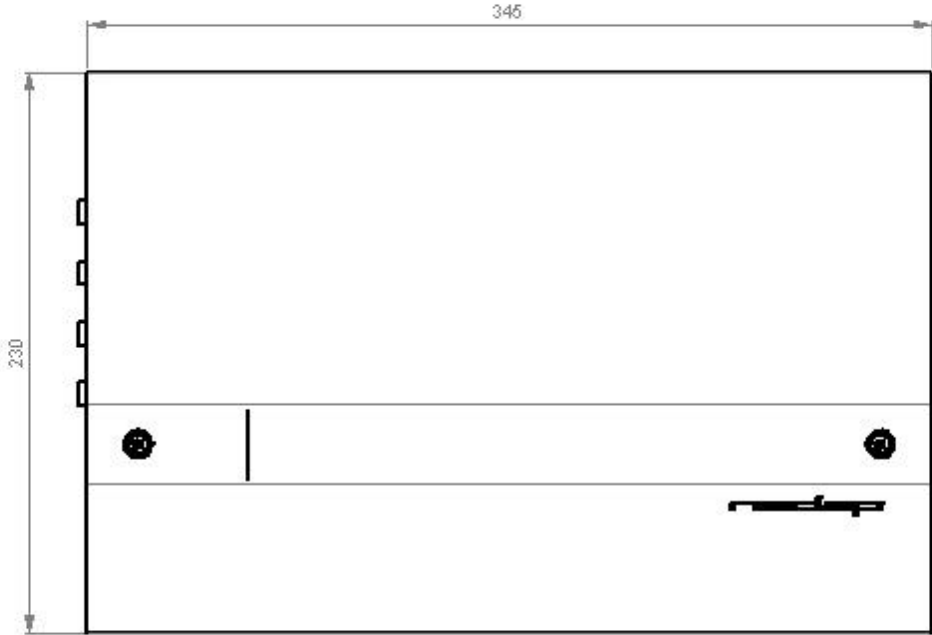
## Warranty/certificates

**Certificate:** CE / FCC with the Intelligent Bookshelves and the PG45/PG50 gates

**Warranty:** 3 Years



# Dimensions





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