



# Fact sheet

## PG50 Detection Gate (9943269: 1-loop, 9943277: 2-loop)

Your library's collection is a valued community investment. To protect these library resources you can use the Library Solutions Security Antennas. The security gates help you protect your print materials and digital media from unintended removal or theft. When someone walks between the antennas with a library item that is not checked out properly an alarm will sound.

*Version: 1.9*  
*published on Thursday, November 24, 2016*

# Table of Contents

Table of Contents.....	2
Technical support .....	3
Description.....	4
The architect’s favorite.....	4
Customer Counting.....	4
Security at its finest.....	4
Features .....	5
Alarm Monitoring.....	5
Foot Flexibility.....	5
Wide Entrances .....	5
Your Benefits.....	5
Specifications.....	6
Compatibility.....	7
Dimensions .....	8

# Technical support

## Email address

support-library@nedap.com

## Visitors address

Nedap Library Solutions  
Parallelweg 2d  
Groenlo  
The Netherlands

## Postal address

Nedap Library Solutions  
P.O. box 102  
7140 AC Groenlo  
The Netherlands

## Telephone Number

Tel: +31 (0)85 88 88 850

©2015 Nedap Library Solutions

The software / hardware described in this document / file is furnished under a license agreement and may be used only in accordance with the terms of agreement.

## Documentation copyright notice

Any technical documentation that is made available by Nedap Library Solutions is the copyrighted work of Nedap Library Solutions and is owned by Nedap Library Solutions.

## Disclaimer

NO WARRANTY. The technical documentation is being delivered to you and Nedap Library Solutions makes no warranty as to its accuracy or use. Any use of the technical documentation or the information contained herein is at the risk of the user. Documentation may include technical or other inaccuracies or typographical errors. Nedap Library Solutions has the right to make changes without prior notice. No part of this publication may be copied without the express written permission of Nedap Library Solutions, Parallelweg 2d, 7141 DC Groenlo, The Netherlands.

## Trademarks

Nedap, and the Nedap logo are registered trademarks of Nedap N.V. Groenlo. Other product names mentioned in this manual may be trademarks or registered trademarks of their respective companies and are hereby acknowledged. Printed in the Netherlands.

# Description

## The architect's favorite

It is hard to believe we have managed to fit this much performance into something as thin as this. Our gates are especially designed to blend into your library whilst maintaining the open character of your building. With its sleek design (only 20mm width) and high performance, the fully transparent gates are an absolute must-have for every library.

## Customer Counting

The gates can be equipped with a customer counting, which will enable you to monitor the patrons coming in and leaving your library.

## Security at its finest

All our gates are fully produced in-house and are checked to make sure performance is always top notch. Where necessary, our highly qualified installation teams can even adjust the gates on-site to adjust for external disturbances in terms of metal or other electronic fields.

# Features

## Alarm Monitoring

When someone walks through the detection gates with a library item that is not checked out properly an alarm will sound. Now you know there is an item missing in your system, but it would of course be better to know which one. Nedap Library Solutions therefore has built in the option for alarm monitoring.

Through this feature you will be able to see in a database which library item has caused an alarm. This means you will be better informed on what happens in your library and what is the status of your library items.

## Foot Flexibility

Sometimes you need to be able to easily remove a gate because of health and safety guidelines or logistics. Especially for these situations, we can provide you with an optional foot which allows you to connect and disconnect an gate, just like you would remove a computer from a docking station.

Quick, easy and safe.

## Wide Entrances

With our PG45 gates, a gate opening can be as wide as 1.20m. This enables you to open your library up to disabled people and will help you to be flexible in terms of accommodating goods in- and -out through your entrances.

The multi gate anti-theft (EAS) systems consist of at least two gates, installed to form a passageway. The standard systems can be expanded to a maximum of eight gates for use in wide entrances / exits. Systems with more than eight gates are available on request.

## Your Benefits

- + Securing your items
- + Attractive design
- + Inconspicuous
- + Easy to install
- + High detection rates

# Specifications

## Physical specifications

<b>Article numbers:</b>	9943269 (1-loop), 9943277 (2-loop)
<b>Dimensions (mm):</b>	Ca. 499 x 143 x 1920 (l x w x h)
<b>Material:</b>	Metal / Plexiglas
<b>Weight:</b>	Ca. 31kg (37kg in box)
<b>Min. multiplex interval:</b>	Ca. 20 milliseconds
<b>Function:</b>	Detects labels with security switched on
<b>Color:</b>	Transparent

## RFID specifications

<b>Technology:</b>	RFID
<b>Frequency:</b>	13.56MHz
<b>Maximal power:</b>	8W
<b>Identifies:</b>	ISO 15693 / ISO 18000-3.1
<b>EAS-function:</b>	Yes, based on EAS-bits and/or AFI

## Environmental Specifications

<b>Operating temperature:</b>	+10 / +45 °C
<b>Storage temperature:</b>	-10 / +55 °C
<b>Max distance between 2 antennas:</b>	1,20m*

\* Aisle distance dependent on label sensitivity and environmental circumstances

## Warranty/certificates

<b>Certificate:</b>	CE, FCC (in combination with Eco Reader 4)
<b>Warranty:</b>	3 Years

## Compatibility

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

### Hardware

- Eco Reader 4 (9965432)
- Gate Docking Station (9919350)
- Customer counting (9925104/9925112/9925139)

### Software

- Librix Online
- BiblioCheck4 Monitoring

### Connectivity

- Cabling

# Dimensions



