LIBRIX

pg 45 antenna

antenna systems

our antennae 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.

quality

All our antennae 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 antennae on-site to adjust for external disturbances in
terms of metal or other electronic fields.

pg 13.56 mhz antenna

articles which contain a label with an activated anti-theft function will cause an alarm to sound if a borrower or visitor carrying the articles walks between the antennae. since the anti-theft function is deactivated when books are checked out in the correct manner these articles do not cause a false alarm.

The anti-theft (EAS) antenna system consists of at least two antennae installed to form a passageway of more than one meter wide. The standard systems can be expanded to a maximum of four antennae for use with wide entrances and exits. Systems with more than four antennae are also available on request.

visual alarm
Our gates can be equipped with an integrated visual alarm. When the alarm goes off, a red light that is built into each antenna will flash. Not only will this enable you to notify the hearing impaired of the alarm, but this will also create greater awareness with your staff and other visitors.

integrated customer counting
The numbers tell the tale. With integrated customer counting and a direct link into Librix Online, you can get direct insight into how many visitors you have had in your library. Because of the fact that the customer counting units are only installed 93cm from the floor, children are also counted.

how much service do you provide?
With our interactive tool Librix Online, you can even make a distinction between people that have entered your library and the number of unique members that actually have lent a book. As a result, this great tool provides you with a clear overview of how many people visit your library just to read a newspaper, do research or enjoy other services you provide. Because you want to get credit for what you do.

relay
All antennae-readers are equipped with a relay which enables connection to external hardware, like lights, doors and/or gates.

be flexible
Sometimes you need to be able to easily remove an antenna because of logistics. Especially for these situations, we can provide you with an optional foot which allows you to connect and deconnect an antenna, just like you would remove a computer from a docking station.
Quick, easy and safe.

options
- Visual alarm, light
- Integral customer counter

benefits
- Attractive design
- Inconspicious
- Easy to install
- High detection rates

fcc and ic certifications for the conected transceiver
FCC for USA according to Part 15 with FCC ID: CGDDVD31356
IC for Canada according to RS-210 with IC: 1444A-DVD31356

Part 15.19(3) and RSS_Gen Labelling
This device complies with part 15 of the FCC Rules and to RSS-210 of Industry Canada.
Operating is subject to the following two conditions:
(1) this device may not cause harmful interference, and
(2) this device must accept any interference received, including interference that may cause undesired operation.

Cet appareil se conforme aux normes RSS 210 exemptés de license du Industry Canada.
L'opération est soumis aux deux conditions suivantes :
(1) cet appareil ne doit causer aucune interférence, et
(2) cet appareil doit accepter n'importe quelle interférence, y inclus interférence qui peut causer une opération non pas voulu de cet appareil.

Warning (part15.21)
Changes or modifications not expressly approved by party responsible for compliance could void the user's authority to operate the equipment.

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PHYSICAL SPECIFICATIONS OF THE PG45 ANTENNA

Article numbers:	9940448 / 9940456 (2 loop / 3 loop)
Dimensions (mm):	1665 x 480 x 100 (l x w x h)
Material:	Metal / Plexiglas
Color:	Transparent
Weight:	ca. 29 kg
Function:	Detects labels with EAS = on / AFI 07 HEX
Optional expansions:	- Light alarm, integral
	- Integral customer counter
Identification %:	Dependant on label quality /
	environmental influences

ELECTRICAL SPECIFICATIONS READER

Article number:	9926798
Supply voltage:	100 - 230 V ac, 50-60 Hz
Operating voltage:	24 V
Power consumption:	45 Watt
Length power cable:	1.8 m.

CONNECTION SPECIFICATIONS

RF connection:	50 Ohm BNC coax

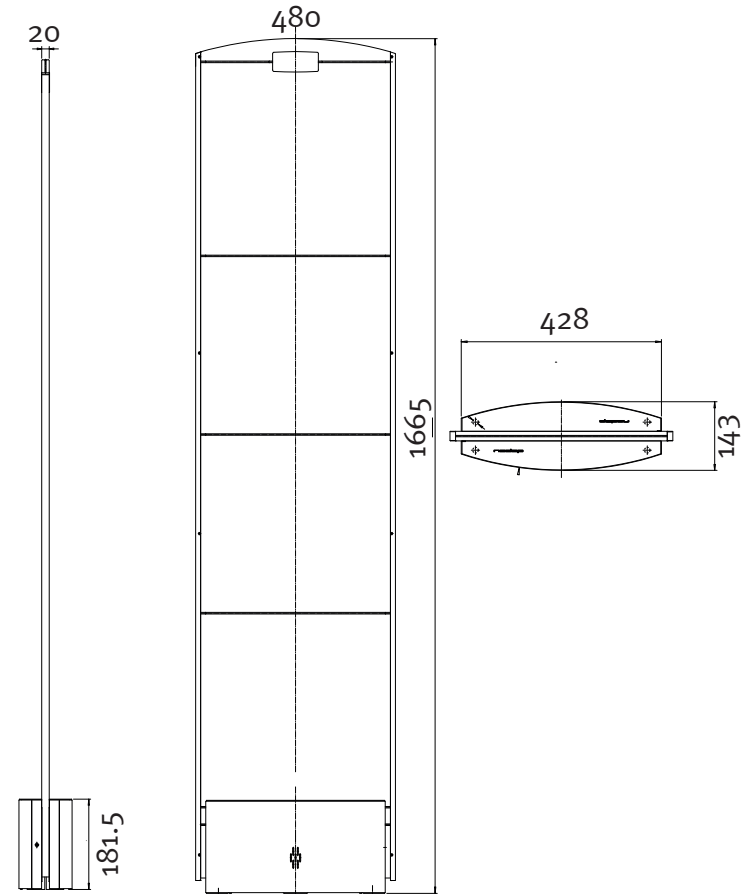## ENVIRONMENTAL SPECIFICATIONS

Operating temperature:	+10 / +45 °C
Storage temperature:	-10 / +55 °C
Max. distance between two antennas:	1.05 m

RFID SPECIFICATIONS

Technology:	RFiD	
Frequency:	Standard:	13.56 MHz
Antenna power (electrical):	Max. 8 Watt	
RF antenna power:	37 µW	
Identifies:	ISO 15693 / ISO 18000-3.1	
EAS-function:	Yes, based on EAS-bits and/or AFI	

WARRANTY / CERTIFICATES

Certificate:	CE / EMC
Warranty:	1 year
Approvals of the power adaptor:	- c UL us according to UL/CSA 60950-1
	- Japan PSE
	- CE according to EN60950-1
	- FCC compliant

Version 1.0
Specifications are subject to change without notice

NOTE: Do not use these drawings for installation purposes. Ask your local supplier for technical drawings.

www.nedaplibrix.com