

# Nedap RefleXS Antennas

Nedap's best selling range of RefleXS antennas provide stylish and user friendly proximity reading of Nedap cards. Authorized personnel or visitors carrying their card in their clothing, bag or brief case are granted swift and comfortable access to the premises or specific areas.

RefleXS antennas offer reliable and comfortable access control for virtually all environments.

- Comfortable reading distances
- Secure separation of antenna and reader
- Stylish and non-obtrusive design
- Optional push buttons for in/out registration or alarm (de-)activation
- Suitable for indoor and outdoor use
- No maintenance required
- Sabotage proof protection kits available (RefleXS30)

## The comfort of hands free detection

Nedap RefleXS proximity antennas can detect and read Nedap cards over a comfortable distance (see technical specifications for exact reading distances).

In practice this means card users do not need to present their card to the antenna. Carrying your card in your pocket or handbag is sufficient; the antenna will read it as you approach or pass by.

RefleXS antennas can also be supplied with push buttons for in / out registration or for switching intrusion detection on or off.

## Sabotage proof security

For optimal security, Nedap readers and antennas are installed separately. Mounting the manipulation-sensitive reader on the protected side of the entrance ensures the encrypted data transfer is completely secure and sabotageproof.

Other manufacturers traditionally install the antenna and the reader together on the non-secure side of the entrance, which leaves sensitive system components exposed and prone to sabotage. Nedap found this an unacceptable risk and hence developed the sabotage proof antenna and reader separation.

Nedap antennas leave no wires or vulnerable components exposed, as opposed to swipe or chip card readers.

## Award winning design

RefleXS antennas have been recognized and awarded by the red dot industrial design institution for their stylish looking and robust housing. The combination of sabotage proof security and sleek design complements any modern work environment.

## Antennas for all areas and environments

Every security manager in every organization has unique requirements for a comfortable yet secure card detection solution that suits the atmosphere of their building or sites. RefleXS antennas can be mounted inside hallways or next to doorways; in fact they can be applied for access control for virtually every passage inside your building.

These versatile antennas have been coated internally with a weather proof layer and are therefore suitable for outdoor use as well as indoors.



See overleaf for technical specifications >>

For the RefleXS 130 antennas, a special mounting kit is available for surface or flush mounting.

- With the surface mounting kit, the antenna is fitted onto the wall inside the tamper proof kit.
- With the flush mounting kit, the antenna is installed inside the wall and sealed seamlessly onto the wall with the kit.

With Nedap antennas, the appearance of your building retains an open and visitor friendly atmosphere.

**No antenna maintenance required**

Since no moving or mechanical parts are required for card detection, no maintenance is required.

RF antennas are solid and, if visible, friendly looking. They do not wear out like swipe or chip card readers.

**User friendly reading distances**

The detection distances of Nedap RefleXS antennas vary depending on the surroundings in which the antenna is placed (see technical specifications for more details).

A number of technology-related factors further influence the antenna reading range, such as the applied AEPack, antenna, card technology and cable length.

Nedap XM and Nedap UniXS cards can all be used in combination with the RefleXS antennas.

Technical specifications RefleXS antennen

	RefleXS 130	RefleXS 260	RefleXS 900
Product number	9866531 (blue)	9866558 (blue)	9866574 (blue)
	9881310 (grey)	9881387 (grey)	9882111 (grey)
	9866540 (blue with pb)	9866566 (blue with pb)	9866582 (blue with pb)
	9881379 (grey with pb)	9881395 (grey with pb)	9882103 (grey with pb)
	7572107 (flush mounting kit)		
	7571860 (surface mounting kit)		
Detection range	20cm max*	40cm max*	40cm max*
Housing	Plastic	Plastic	Plastic
Dimensions (LxWxH)	137 x 55 x 30mm	267 x 160 x 29mm	907 x 160 x 29mm
Operating temperature	-20 - +50°C	-20 - +50°C	-20 - +50°C
Cabling	Length max. 50m, 5 x 0.25mm <sup>2</sup> , shielded	Length max. 50m, 5 x 0.25mm <sup>2</sup> , shielded	Length max. 50m, 5 x 0.25mm <sup>2</sup> , shielded

\* Reading distances vary depending on size, surroundings, card type and used reader packs.

Your AEOS certified reseller:

