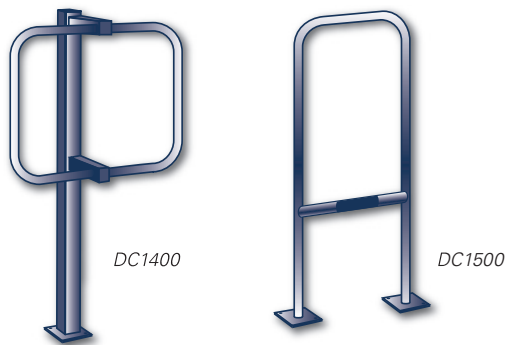


## Nedap outdoor antennas



- Comfortable reading distances
- Secure separation of antenna and reader
- Robust and vandal proof design
- Weather resistant housing
- No maintenance required
- Variable dimensions (DC1500)

*Nedap outdoor antennas provide long distance and hands-free reading of Nedap cards. Due to their vandal proof and robust yet stylish design they are particularly suitable for outdoor installations in car parks or outdoor entrances. The antennas automatically detect authorised Nedap cards when presented in front of the driver seat window or carried inside a pocket or handbag when passing by on foot.*

Nedap outdoor antennas are reliable and durable and provide secure entry control for buildings or car parks.

### The comfort of hands-free detection

Nedap outdoor antennas can detect and read Nedap cards over unique and comfortable long range distances, completely hands free.

In practice, this means card users do not need to present their card to the antenna. Carrying your card in your pocket or holding it up in front of the driver seat window is sufficient.

### 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 sabotage-proof.

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.

### Robust and weather proof design

The stainless steel DC1500 and the powder coated DC1400 antennas are weather proof and highly suitable for outdoor installation. Both are therefore very popular for hands free card detection at car park entrances.

All outdoor antennas can be stationed permanently at car park entrances, at gates or regular doors.

### Tamper proof housing

It is particularly important for outdoor security systems to be vandal and tamper resistant. They require an extremely solid housing to protect them adequately against sabotage attempts.

The steel frames of the DC1400 and DC1500 are completely vandal proof, leaving no wires or vulnerable components exposed.

### No maintenance

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

RF-antennas are solid and friendly looking and do not wear out like swipe or chip card readers.

**See overleaf for technical specifications →**

**User friendly reading distances**

Nedap outdoor antennas offer very comfortable reading distances that 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.

The Nedap XM, UniXS and the combi cards (Nedap functionality only) can all be used in combination with the Nedap outdoor antennas.

**Technical specifications outdoor antennas**

	DC1400	DC1500
<b>Product number</b>	9841466	9866809
		9848959 (variable dimensions)
<b>Detection range</b>	90cm max*	90cm max*
<b>Housing</b>	Galvanized & stainless steel (in customer-specific RAL color)	Stainless steel
<b>Dimensions</b>	1400 x 800 x 270mm	1500 x 800 x 150mm or variable height / width
<b>Temperature</b>	-20 - +70°C	-20 - +70°C
<b>IP Value</b>	IP65	IP65
<b>Cabling</b>	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.

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