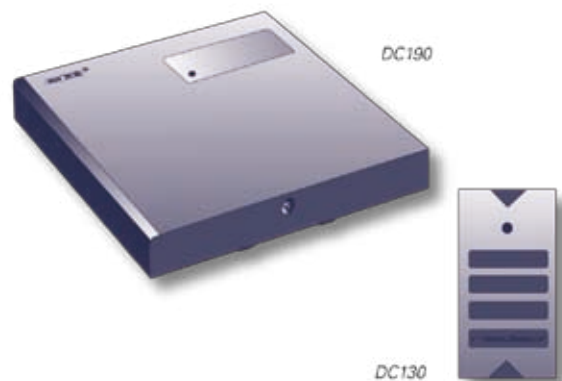


Nedap hybrid antennas for indoor or outdoor use

Nedap hybrid antennas provide secure and user friendly reading of Nedap cards. Due to their special design, they are suitable for both indoor and outdoor use. They can be used for virtually all access points inside or outside your building. Authorised personnel or visitors carrying their cards in their clothing or bag are granted access to the premises or specific areas as soon as they come within the antenna detection range.

The highly flexible Nedap hybrid antennas are reliable, durable and vandal proof and provide secure entry control for buildings, areas or departments.

- Robust and vandal proof design
- Surface & flush mounting kits available (DC130)
- Weather resistant housing (DC190W)
- Weather resistant coating (DC130)
- No maintenance required



Secure & comfortable use

Nedap hybrid antennas can detect and read Nedap cards inside or outside your building over comfortable distances; proximity (DC130) or hands free (DC190).

Authorized card users do not need to present their card to the antenna as it will be read automatically as they approach it at an entrance or passage carrying their cards in their pockets or bags.

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.

Tamper proof and water proof design

Since hybrid antennas can be used in an outdoor environment as well they must be vandal and tamper resistant and require an extremely solid housing to protect them adequately against sabotage attempts.

The casing of the DC130 and DC190W is completely vandal proof, leaving no wires or vulnerable components exposed. Both hybrid antennas have been coated internally with weather resistant material and can therefore be stationed outdoors permanently at gates or entrances.

For the DC130, 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 hybrid antennas, the external or internal appearance of your building retains an open and visitor friendly atmosphere.

See overleaf for technical specifications >>

Surface & flush mounting kits



No maintenance

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 indoor 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 indoor antennas.

Technical specifications hybrid antennas

	DC130	DC190/DC190W
Product number	9882677 (blue)	9882685 (grey)
	9884432 (flush mounting kit)	9867040 (outdoor – DC190W)
	9884459 (surface mounting kit)	9806229 (indoor – DC190)
Detection range	20cm max*	35cm max*
Housing	Plastic	Plastic
Dimensions	95 x 50 x 20mm	186 x 186 x 36,5mm
	If used with mounting kit: 150 x 85 x 24mm	
Temperature	-20 - +50°C	-20 - +70°C
IP Value	IP67	P67 (DC 190W)
Cabling	Length max. 50m, 5 x 0.25mm ² , shielded	Length max. 5m, 3 x 0.25mm ² Can be extended with the AB310/320 extension.

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

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