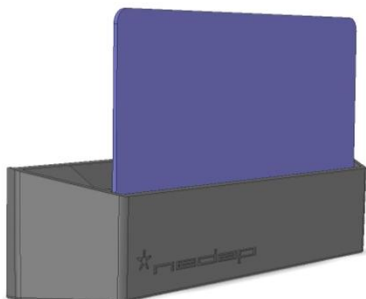


DUAL!D CARD HOLDER

LONG RANGE VEHICLE AND DRIVER IDENTIFICATION



KEY FEATURES:

- Identify vehicle and driver
- Holds Nedap UHF and combi cards
- Supported by uPASS Dual!D settings
- Easy integration with two operating modes
- Identification up to 4 meters [12 ft]
- Passive battery free tags
- Optional customised printing
- EPC Gen 2 compatible

PRELIMINARY

Dual!D

The ability to identify both the driver and the vehicle has been a unique feature of our well established TRANSIT product line. Access control cards are used to identify the person. A Booster device inside the card reads the card and sends the card ID and the vehicle ID to our reader.

A similar feature is now also available for our uPASS Reach UHF reader. Nedap AVI has developed a card holder that can be mounted on the windshield. The card holder is used to identify the vehicle. The reader is configured to only proceed with reading any ID if there is a valid Nedap ID for vehicles present. The reader will at that time identify the vehicle (card holder) and the driver (the card in the card holder). Only relevant UHF tags are read which prevents errors and limits security risks.

The UHF card can be taken from the card holder and used by the driver to get access to the building. For this purpose Nedap provides a wide range of UHF combi cards that combine UHF technology with regular access control cards (HID, MIFARE, Legic, Nedap, EM, etc).

Smart Design

The Dual!D card holder can easily be fixed to a windshield with the large adhesive front side of the card holder. Once properly glued to the windshield the card holder will be difficult to remove. When removed, you can easily tell so by the damage that is done to the special foam material that was stuck to the windshield, which makes it a rather tamper proof system.

You can easily slide cards into the holder. The card holder positions the card with sufficient distance to the glass to ensure an optimal reading distance by the reader.

The adhesive foam is provided with a Nedap AVI design. When you procure larger volumes a custom design is possible.

Applications

Dual!D can be applied in many situations: corporate car parks, residential car parks at condominiums, vehicular access gates to commercial estates: a lot of applications come to mind. If the fleet of cars to be managed is not changing too rapidly and you would like to offer convenient access at a higher security level then the Dual!D extension to our UHF products is a really good option to consider.

Benefits

- Only allow authorized drivers in authorized vehicles access
- Very easy integration with any access control system or parking management system
- Easy one click configuration with the UHF tool of the uPASS Reach
- Strong adhesive used to visually identify tampering
- Custom design for larger volumes possible
- Use UHF combi cards to combine convenience with security

SPECIFICATIONS

TECHNICAL INFORMATION	DUAL!D CARD HOLDER
Operating frequency	902 – 928 MHz
Standard	EPC Gen 2
Dimensions	112 x 30 x 20 mm [l x b x h]
Protection	IP54 [approx. NEMA 2]
Colour	Grey, appr. according to RAL 7035
Material	ABS with polyester adhesive side
Operating temperature	-20 ... +70°C [-4 ... +158°F]
Detection range	Up to 4 meters [12 ft] with uPASS Reach reader, when applied on glass*
Humidity	10% ... 93% relative humidity, non condensing
Customisation	Customised tag printing on adhesive side on request only.
Identification	R/O Read only number
Tag Formats	The Card Holder is programmed in a Nedap proprietary format. The to be inserted ISO cards can be formatted with: Wiegand, Magstripe, Nedap XS format (compatible to Nedap's AVI tag format) (see for more information the How to order Guide)
Mounting	Onto the windshield, the card holder is featured with a standard pressure-sensitive adhesive back
Part numbers	9966765 Dual!D Card Holder
Documentation	-
Readers	9942319 uPASS Reach (region 1) 9945466 uPASS Reach (region 2&3)
Cards	9943943 UHF ISO Card 9942360 Combi Card UHF – EM4102 9942343 Combi Card UHF – MIFARE 1k 9206388 Combi Card UHF – MIFARE DESfire 9943960 Combi Card UHF – Legic Advant 9954104 Combi Card UHF – HID Prox 9959343 Combi Card UHF – HID iCLASS