

# Combi card UHF

Long range ISO card with UHF and proximity or smartcard technology

## Key Features:

- Thin, ISO card format
- Identification up to 3 meters [9 ft]
- One card solution for access control
- Battery free
- Security protected



The UHF Combi card is a card featured with long range UHF and proximity or smartcard technology. It ensures the use of one single card for both vehicle and building access applications.

The UHF Combi card is a passive UHF ISO card offering long range vehicle access up to 3 meters [9 ft.] in combination with a TRANSIT UHF reader.

Next to UHF technology, the Combi cards are featured with proximity or smartcard technology, used for building access. It offers the best of both and ensures compatibility and seamless integration with existing access control applications.

In combination with UHF several technologies are supported;

- UHF - Mifare
- UHF - Legic
- UHF - Nedap
- UHF - EM

The UHF Combi card offers cost effective long range vehicle access for parking applications. Designing the system to require that the UHF Combi Card is also used for building access ensures removal of the card from the vehicle.

## Security

The UHF Combi Card is featured with special security protection to provide data integrity and to prevent copying. The Combi Card can be printed and personalized on request.

## Applications

Typical applications include long range vehicle identification for parking applications, where the reader is mounted onto a pedestal/ gooseneck and card is presented by the driver to the reader.

Change without prior notice/ version 1.5

# Specifications



## UHF Combi Card

<b>Operating frequency</b>	UHF 850 - 950 MHz & 13.56 MHz (Mifare / Legic) UHF 850 - 950 MHz & 120 kHz (Nedap NeXs) UHF 850 - 950 MHz & 125 kHz (EM)
<b>Standard</b>	ISO 7816, EPC Gen 2
<b>Dimensions</b>	85 x 54 x 0.95 mm [3.4 x 2.2 <0.04 in]
<b>Protection</b>	IP54 [approx. NEMA 2]
<b>Colour</b>	White
<b>Material</b>	PVC
<b>Customisation</b>	Customised printing on request.
<b>Operating temperature</b>	-20 ... +50°C [-4 ... +122°F]
<b>Detection range UHF</b>	up to 3 m [9 ft] with TRANSIT UHF reader when properly alligned
<b>Detection range access card</b>	few cm, depending on applied reader and card technology
<b>Humidity</b>	10% ... 93% relative humidity, non condensing
<b>Part numbers</b>	9942343 Combi card UHF - Mifare 1K 9943960 Combi card UHF – Legic Advant 9942360 Combi card UHF – EM4102 9942351 Combi card UHF – Nedap NeXs

## Documentation

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