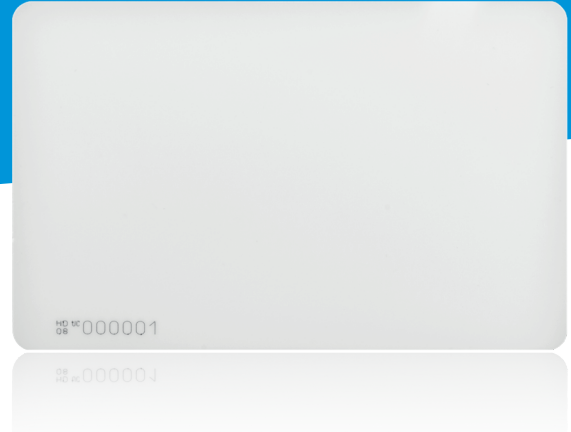


UHF Combi Card

ISO card with UHF and proximity / smartcard technology

Key features:

- ✓ one card solution for access control
- ✓ identification up to 10 meters (33 feet)
- ✓ passive, battery free tag
- ✓ EPC Gen 2 compatible
- ✓ thin, ISO card format



The UHF Combi Card is 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.

Based on passive UHF technology, the UHF Combi Card is identified up to 10 meters [33 feet] with uPASS Target, 5 meters [16 feet] with uPASS Reach or 2 meters [6 feet] with uPASS Access. The card does not contain a battery and is maintenance free.

Typical applications include secure access to parking areas in combination with building access at gated communities, universities and offices.

Combined technologies

The UHF Combi Card combines UHF technology with proximity or smartcard technology that is used for building access. This combination ensures compatibility and seamless integration with existing access control applications.

The UHF Combi Card supports several technologies;

- UHF - Mifare
- UHF - Mifare Desfire
- UHF - Legic
- UHF - EM
- UHF - HID prox
- UHF - HID iClass

Security

The UHF Combi Card is featured with special security protection to provide data integrity and to prevent copying. The card has a thin, ISO format that can be used with several optionally available plastic card holders.

UHF ISO Card

The UHF ISO Card is a long-range identification tag that only uses UHF technology for vehicle or people access control.

Customized printing of the UHF Combi Card and UHF ISO Card is available on request.

| Technical information | UHF Combi Card |
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|-----------------------|--|
| Part number | 9943943 UHF ISO Card 9942343 Combi Card UHF - Mifare 1K 9206388 Combi Card UHF - Mifare DESfire 4K 9943960 Combi Card UHF - Legic Advant 9942360 Combi Card UHF - EM4102 9954082 Combi Card UHF - HID Prox Wiegand 26 9954104 Combi Card UHF- HID Prox 9954112 Combi Card UHF - HID iClass 2K Wiegand 26 9959343 Combi Card UHF - HID iClass 2K 9955836 Bundle 25 Combi Cards UHF – HID Prox Wiegand 26 9955844 Bundle 100 Combi Cards UHF – HID Prox Wiegand 26 |
| Dimensions | 85 x 54 x 0,95 mm (3.4 x 2.2 <0.04 in) |
| Color | White |
| Weight | 6 g (0.21 oz) |
| Protection class | IP65 (approx.NEMA4x) |
| Material | PVC |
| Customization | Customized printing available on request |
| Operating temperature | -10... +50°C (+14 ... +122°F) |
| Storage temperature | -10... +50°C (+14 ... +122°F) |
| Relative humidity | 10% ... 93% relative humidity, non condensing |
| Read range | UHF - up to 10 meters (33 feet) with uPASS Target, up to 5 meters (16 feet) with uPASS Reach, up to 2 meters (6 feet) with uPASS Access Proximity / Smartcard - few cm, depending on applied reader and card technology |
| Operating frequency | UHF 865 - 870 MHz / 902 - 928 MHz (UHF ISO Card) UHF 865 - 870 MHz / 902 - 928 MHz & 13.56 MHz (Mifare / Legic/HID iClass) UHF 865 - 870 MHz / 902 - 928 MHz & 125 kHz (EM/HID Prox) |
| Antenna polarization | Linearly polarized antenna |
| Compatible readers | 9217363 uPASS Target (region 1) 9217371 uPASS Target (region 2&3) 9942319 uPASS Reach (region 1) 9945466 uPASS Reach (region 2&3) |
| Standards | EPC Gen2 |
| Optional accessories | 5793785 Soft plastic ISO card holder (without clip) 5793793 Open hard plastic ISO card holder (without clip) |
| Document version nr. | 5.1 |