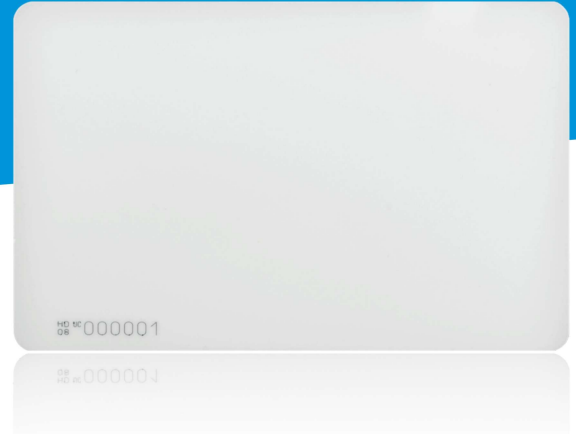


UHF Combi Card

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
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