UHF Windshield Tag

long-range vehicle identification tag

Key features:

- ✓ automatic vehicle identification
- ✓ identification up to 15 meters* (50 ft)
- ✓ passive, battery free tag
- ✓ EPC Gen 2 compatible
- ✓ thin, flexible sticker format
- ✓ protection against harmful UV rays
- ✓ optional tamper resistant
- ✓ customized printing available on request

The UHF Windshield Tag is a vehicle identification tag. It offers cost effective long-range identification for parking applications.

Based on passive UHF technology, the UHF Windshield Tag is identified up to 15 meters* (50 ft) with uPASS Target or up to 7 meters (23 ft) with uPASS Reach. The tag does not contain a battery and is maintenance free.

Typical applications include secure vehicle access to car parks, gated communities/ condominiums and offices.

Easy installation

The UHF Windshield Tag can easily be fixed to a windshield as it has an adhesive front side. The thin, flexible, UHF sticker format tag is easy to install by permanently affixing it to the inside of a vehicle's windshield. The tag is protected against harmful UV rays.

Tamper resistant

For added security, tamper resistant UHF Windshield Tags are also available. These tags will show visual proof of removal and are difficult to remove intact and functional.

*In combination with the uPASS Target reader. The maximum read range depends on reader type, the installation and the environment.

Security

The UHF Windshield Tag is available in various formats, ensuring compatibility to any installation. Wiegand and Magstripe formatted tags are available to complement any access application. Nedap XS formatted tags are available to ensure easy integration for existing TRANSIT installations. Nedap formatted UHF Windshield Tag are featured with special security protection to provide data integrity and to prevent copying.

Customization

The layout of the tag can be customized to promote company logos, names and/or designs. Optionally, the tag ID number can be printed on the UHF Windshield Tag in barcode 39 format. The barcode can be read by a barcode scanner to offer easy enrollment of tags into a management system and efficient enforcement of vehicles (pre-programmed tags only).

Note: custom format tags will have a different physical appearance than pre-programmed tags. Tag ID numbers and barcodes for custom format tags will be printed on the non-adhesive side of the tag, so please contact your Nedap representative if you have questions regarding this.

Technical information	UHF Windshield Tag
Part number	9945954 UHF Windshield Tag Wiegand 26 9947418 UHF Windshield Tag Wiegand 26 (US) 9945946 UHF Windshield Tag 9942335 UHF Windshield Tag Tamper Resistant Wiegand 26 9947426 UHF Windshield Tag Tamper Resistant Wiegand 26 (US) 9946918 UHF Windshield Tag Tamper Resistant
Dimensions	UHF Windshield Tag Wiegand 26 - 106,4 mm x 28,6 mm (4 3/16 in x1 1/8 in) UHF Windshield Tag Wiegand 26 (US) - 106,4 mm x 28,6 mm (4 3/16 in x1 1/8 in) UHF Windshield Tag - 90 x 27 mm (3.5 x 1.06 in) UHF Windshield Tag Tamper Resistant Wiegand 26 - 106,4 mm x 28,6 mm (4 3/16 in x1 1/8 in) UHF Windshield Tag Tamper Resistant Wiegand 26 (US) - 106,4 mm x 28,6 mm (4 3/16 in x1 1/8 in) UHF Windshield Tag Tamper Resistant - 90 x 27 mm (3.5 x 1.06 in)
Color	White with printing
Weight	1 g (0.04 lbs)
Protection class	IP54 (approx. NEMA 2)
Material	Polyester
Customization	Customized tag printing available on request. Optional Barcode 39 printed on the tag on request.
Operating temperature	-20 ... +70°C (-4 ... +158°F)
Storage temperature	-20 ... +70°C (-4 ... +158°F)
Relative humidity	10% ... 93% relative humidity, non-condensing
Read range	Up to 15 meters (50 feet) with uPASS Target Up to 7 meters (23 feet) with uPASS Reach
Operating frequency	865 - 870 MHz / 902 - 928 MHz
Mounting	Onto the windshield, the tag is featured with a standard pressure-sensitive adhesive back
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 Gen 2
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