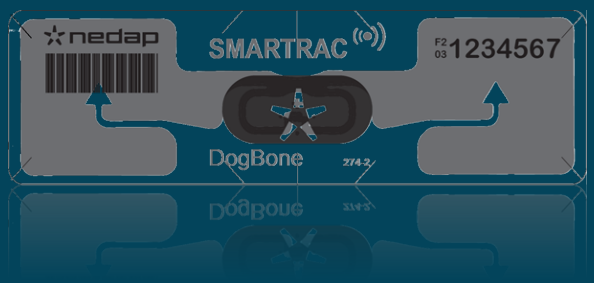
uPASS UHF Exterior Tag

long-range vehicle identification tag



Key features:

- automatic vehicle identification
- identification up to 12 meters* (40 ft)
- passive, battery free tag
- EPC Gen 2 compatible
- transparent, thin sticker format
- protection against harmful UV rays
- tamper evident

The UHF Exterior Tag is a vehicle identification tag. The tag is mounted on the exterior of a vehicle, offering cost effective long-range identification for parking applications.

Based on passive UHF technology, the UHF Exterior Tag is identified up to 12 meters* (40 ft) with uPASS Target or up to 6 meters (20 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 and offices. Other applications include access control of motorbikes, scooters and mopeds. This sticker tag is purposely designed to be adhesive to the non-metal/metal containing exterior parts of the vehicle, preferably the headlight**. This tag is the best option to enable reliable vehicle identification in situations where the entire car windshield is covered by solar film with metal particles.

Easy installation

The UHF Exterior Tag is a transparent adhesive tag that can easily be fixed onto non-metal/metal containing exterior parts of the vehicle, preferably the headlight**.

Tamper resistant

The thin, flexible, UHF sticker format is easy to install and offers a tamper resistant solution by affixing it to the exterior of the vehicle. For added security, the UHF Exterior Tag is tamper evident; the tag shows visual proof of removal and are difficult to remove intact and functional**. The chip inside the tag is protected against harmful UV rays.

Security

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

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

** *Application of the UHF Exterior Tag on vehicles may be subject to local legislation. Please verify if legal restrictions apply in your region.*

Technical information	uPASS UHF Exterior Tag
Part number	9215255 UHF Exterior Tag
Dimensions	97 x 27 mm (3.82 x 1.06 in)
Color	Transparent, interior is visible
Weight	1 g (0.04 lbs)
Protection class	IP65 (approx. NEMA 4x)
Material	Polyester
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 12 meters (40 feet) with uPASS Target Up to 6 meters (20 feet) with uPASS Reach
Operating frequency	865 - 870 MHz / 902 - 928 MHz
Mounting	Onto the non-metal / metal containing exterior parts of the vehicle, preferably the headlight.
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
Document version number	2.3