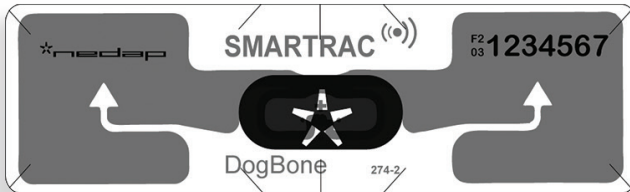


# UHF HEADLIGHT TAG

| long-range vehicle identification tag



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## KEY FEATURES:

- Identification up to 5 meters [16 ft]
- Passive battery free tags
- Transparent thin, flexible sticker format
- Protection against harmful UV rays
- Tamper evident
- Security protected
- EPC Gen 2 compatible

The UHF Headlight Tag is a passive UHF transponder offering long range identification of vehicles at a distance of up to 5 meters [16 ft]\*. The UHF Headlight Tag offers cost effective long range vehicle identification for parking applications.

The UHF Headlight tag is based on passive UHF technology. The tag does not contain a battery and is maintenance free.

## Tamper Resistant Installation

The UHF Headlight Tag is a transparent adhesive to allow quick and easy installation onto the headlight of the vehicle. The thin, flexible, UHF sticker format is easy to install and offers a tamper resistant automatic vehicle identification solution by affixing it to the headlight. For added security, the UHF Headlight Tag is tamper evident. The tags will show visual proof of removal and are difficult to remove intact and functional\*. The chip inside the tag is protected against harmful UV rays.

\* when used according to guidelines and under normal circumstances

## Security

The UHF Headlight Tags 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 Standard installations. Nedap formatted UHF Headlight Tags are featured with special security protection to provide data integrity and to prevent copying.

## Applications

Typical applications include vehicle access to car parks, gated communities/condominiums, offices etc. Other applications include access control of motorbikes, scooters and mopeds. This sticker tag is purposely designed to be adhered to 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.

## Installation

The Headlight tag is designed for easy installation onto the headlight of the vehicle. For installation details, please refer to the UHF Headlight tag\_InstallGuide\_E.pdf.

# SPECIFICATIONS

Technical information	UHF Headlight Tag
Operating frequency	860 - 960 MHz
Standard	EPC Gen 2
Protection	IP65 [approx. NEMA 4x]
Colour	Transparent, interior is visible
Material	Polyester
Operating temperature	-20 ... +70°C [-4 ... +158°F]
Detection range	up to 5 meters [16 ft] with uPASS Reach
Identification	R/O Read only number
Tag Formats	Wiegand, various formats Magstripe Nedap XS format (compatible to Nedap's tag format used in TRANSIT) (see for more information the How to order Guide for UHF)
Mounting	Onto the headlight of the vehicle
Part numbers	9215255 UHF Headlight tag
Dimensions	97x27 mm [3,82-1,06 in]
Readers	9942319 uPASS Reach (region 1) 9945466 uPASS Reach (region 2&3)
Document version nr.	v1.1

\*Important note: application of the UHF Headlight Tag on vehicles may be subject to local legislation. Please verify if legal restrictions apply in your region.