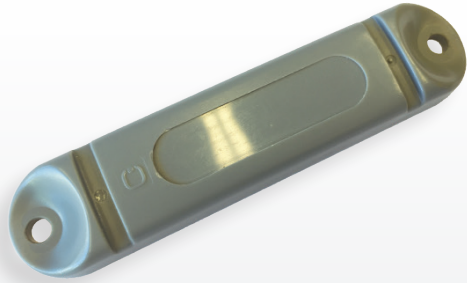


# UHF HEAVY DUTY TAG

| long-range vehicle identification tag



## KEY FEATURES:

- Designed for mounting on the exterior of the vehicle
- Identification up to 10 meters (33 ft.)
- High performance on metal surfaces
- Highly chemical resistant
- Water and shock proof
- EPC Gen 2 compatible

The UHF Heavy Duty tag is a passive UHF transponder offering long-range identification up to 10 meters [33 ft.] with uPASS Target or 5 meters [16 ft.] with uPASS Reach\*. This tag features a rugged design for long term use in outdoor and industrial environments. The UHF Heavy Duty Tag is a cost-effective solution for installations where the tag needs to be mounted onto the exterior of the vehicle.

The UHF Heavy Duty Tag is maintenance free and capable of reading on, off and near metal surfaces. The shock and impact resistant plastic housing provides high resistance to aggressive liquids and excellent stability over fluctuating temperatures. The chemical resistance housing ensures ongoing long term performance. The elaborated designed and manufactured housing structure enables the tag to be truly waterproof.

The UHF Heavy Duty Tag can easily be mounted on metal, plastic or wood. It is featured with two mounting holes allowing easy permanent mounting onto the exterior of the vehicle. The tag can directly be mounted onto metal.

\* when used according guidelines and under normal circumstances

## Security

The UHF Heavy Tags Tags are 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 Standard of Entry users. Nedap formatted UHF Heavy Duty Tags are featured with special security protection to provide data integrity and to prevent copying.

## Applications

Typical applications include: transportation, vehicle logistics, industrial operations, automated truck activities and parking access

# SPECIFICATIONS

Technical information	UHF Heavy Duty Tag
Operating frequency	865 - 870 MHz 902 - 928 MHz
Standard	EPC Gen 2
Dimensions	110 x 25 x 12,85 mm [4.33 x 0.98 x 0.51 in]
Fixation hole	4,9 mm [0.19 in]
Screws centre to centre distance	97,5 mm [3.84 in]
Weight	26 g [0.06 lbs]
Protection	IP68
Colour	Light grey
Material	ABS rigid plastic
Operating temperature	-20 ... +85°C [-4 ... +185°F]
Shock/ vibration	MIL STD 810°F
Read range	up to 10 meters [33 ft] with uPASS Target, up to 5 meters [16 ft] with uPASS Reach
Identification	R/O Read only number
Tag Formats	Wiegand
Magstripe	Nedap XS format (compatible to Nedap's tag format) (see for more information the How to order Guide)
Mounting	Onto the exterior of the vehicle using M5 screws
Attachment	Mechanical (std) Adhesive Cable tie
Part numbers	9219641 UHF Heavy Duty Tag
Documentation	UHF Heavy Duty Tag_InstallGuide_English
Readers	9217363 uPASS Target (region 1) 9217371 uPASS Target (region 2&3) 9942319 uPASS Reach (region 1) 9945466 uPASS Reach (region 2&3)
Document version nr.	v4.3