

uPASS TARGET Antenna - Optional Extension for uPASS TARGET

Product Description

The uPASS Target Antenna is an external antenna for use with the uPASS Target reader, which uses passive UHF RFID technology to identify vehicles and people up to 10 metres.

By adding the uPASS Target Antenna to the uPass Target reader, the read-range can be extended to cover a wider area. Additionally, the external antenna can be used in situations where reading of both vehicle entry and exit lanes is required (see Application Note AN0804). The uPASS Target reader has a TNC port to connect one external antenna.



Features

- ▶ Operates with uPASS Target
- ▶ Read at up to 10 metres
- ▶ Operates with passive UHF tags (EPC GEN 2)
- ▶ Adjustable read range
- ▶ 3-metre low-loss outdoor RF cable included

Applications

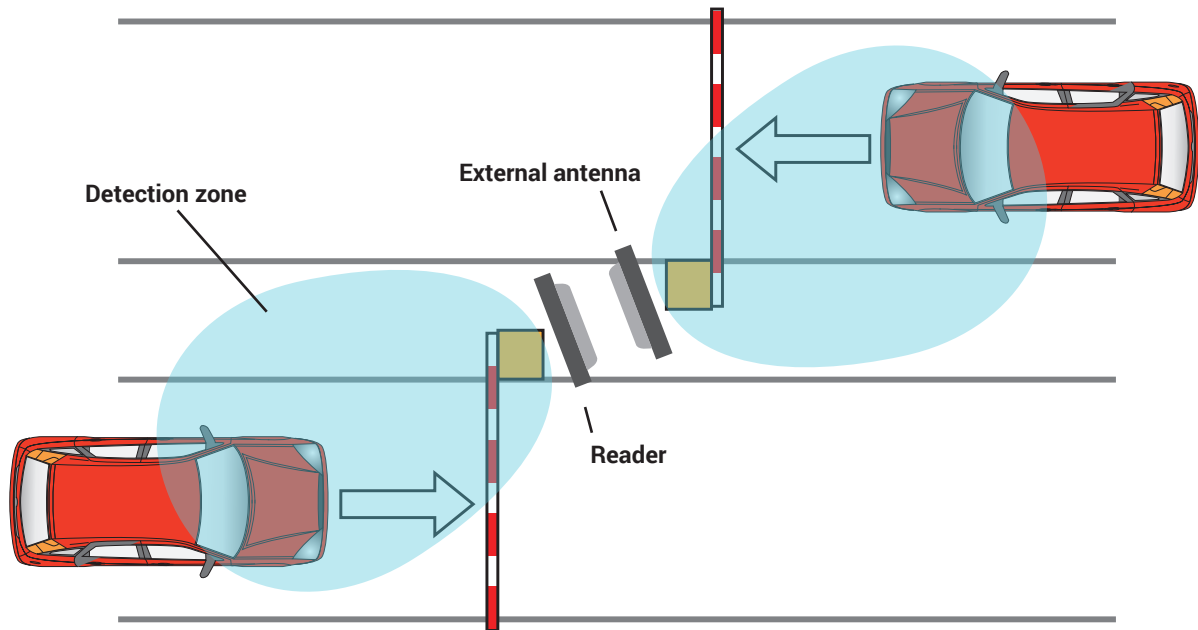
- ▶ Rail yards and bus depots
- ▶ Car park facilities
- ▶ Internal logistics
- ▶ Industrial operations
- ▶ Automated truck activities

Specifications

Dimensions:	286 x 285 x 78 mm
Colour:	RAL 7016 (cover), RAL 9006 (chassis)
Weight:	3.5 kg
Housing:	Aluminium chassis with UL94 ABS cover
Protection:	IP66
Detection range:	Up to 10 metres with passive Nedap UHF tags
Operating freq.:	865-868 MHz (902-928 MHz option available)
Polarisation:	Circular polarisation
Operating temp.:	-30 to +60°C
Relative humidity:	10 to 93% non-condensing
Air interface:	According to ISO 18000-6 C
Cable Specification:	3-metre low-loss outdoor RF cable included
Connectors:	1 x TNC (RP Female)
Compatible Reader:	9217363 UpASS Target (Region 1)
Standards:	CE, FCC, UL European Directive for EMC 89/336 EEC, EN301489-1 EN 60950
Accessories:	9984364 Wall mounting kit (included) 5528364 Cable assembly - 3m (included) 5626595 Pole mounting kit (optional) 9218335 Weather protection hood (optional)

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Typical Application



Ordering Information

9219021	uPASS Target Antenna
5626595	Pole Mounting Set for uPASS Target
9218335	uPASS Target weather protection hood.

Compatible Products

9217363	uPASS Target Long range AVI reader with identification at up to 10 metres. ISO 18000 EPC Gen2 compliant.
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