

Installation Instructions

PT-UHF Portable Tag

PLEASE READ BEFORE ATTACHING TAGS

The PT-UHF Portable Tag is for vehicle identification in access systems that use AWID's UHF long-range readers LR-2000, LR-2200, LR-3000, and their "HiLo" variations. Like a toll highway tag, it uses hook-and-loop adhesive strips for support. The tag can be used in any number of cars. The installer must give instructions to the customer.

READER LOCATION

The UHF long-range reader is usually installed facing a clear, open, balloon-shaped space, about 30 feet long and 16 feet diameter. Mount the reader above or at either side of the travel lane. For passenger cars, typical reader height is 8 feet to 9 feet. An adjustable-head bracket lets you aim the reader toward the top-center of the windshield at the reading distance.

TAG LOCATION

- The PT-UHF tag must be used inside the reader's effective RF field. See AWID's diagram for the field shape.
- Usual reading distance when the tag is fastened by hook-and-loop strip inside the windshield: up to 15 feet.
- The tag reads best if it is in line with the reader, face-to-face, with clear line of sight between the tag and the reader.
- The tag is usually attached inside the windshield, at top-center. It uses hook-and-loop strip like a toll highway tag.

APPLICATION CHARACTERISTICS

- The PT-UHF tag identifies the person to whom the tag is assigned. That person may then use it in any vehicle.
- **Secure** – the tag is supported firmly inside the vehicle. **Convenient** – the tag may be pulled off its fastener strip and carried to another vehicle. **Multiple** cars – one tag held by fastener strip on windshields in other cars as needed.

TEST FOR RELIABLE TAG READING

1. Move the vehicle so that the top-center of the windshield is in the planned reading space. With the adhesive hook-and-loop strip covered by the protective paper, hold the tag in place, using your fingers at the edges of the tag.
2. Tag reads are indicated by AWID's LR-Sounder clipped to the reader's wires, or by the reader's LED, or by gate or door opening.

ATTACHING THE TAG

1. Identify the planned location and orientation for the PT-UHF tag. The tag's orientation may be either "portrait" or "landscape".
 2. Prepare the windshield – clean it with glass cleaner spray and a paper towel.
 3. Peel the paper that protects the adhesive from the tag's hook-and-loop strip.
 4. Press the tag's adhesive strip **firmly** against the windshield glass.
 5. Program the tag's code into the host system's software.
- Allow the hook-and-loop strip's adhesive to cure for a day or more before pulling the two pieces of the hook-and-loop strip apart.
 - The PT-UHF tag is shipped with 2 spare adhesive hook-and-loop strip sets. Additional strips can be used in other vehicles. The strip sets are a standard product -- 3M Dual Lock™ -- available from local suppliers.



ALTERNATIVES AWID has other tag types for installation inside and outside vehicles of all types. Please see AWID's "UHF Credentials" product sheet, or talk with the Sales or Technical staff.

FOR END USERS Prepare written instructions for the customer. Train a technician in this installation procedure.