

## **Instructions for Use**

### **KT-UHF Keytag**

#### **PLEASE READ BEFORE DISTRIBUTING TAGS**

*The KT-UHF Keytag is for identification of people in access control systems that use AWID's UHF long-range reader models LR-2000, LR-2200, LR-3000, and small wall-mounted UHF readers. The keytag is presented to the reader by hand. The installing dealer must give instructions to the customer for the end users.*

#### **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. An adjustable-head bracket lets you aim the reader toward the location of vehicle-mounted tags and hand-held cards and keytags. The long-range reader may be dedicated to use with these UHF keytags only, if you want.

The UHF **wall-mounted reader** is usually installed on a wall close beside a controlled-access door or gate for pedestrians.

#### **KEYTAG READING LOCATION**

- The UHF keytag must be held by hand inside the reader's effective RF field, usually 10 feet to 12 feet in front of the long-range reader, or up to 6 inches or 12 inches in front of the small reader.
- The keytag reads best if it is in line with the reader, face-to-face, with clear line of sight between the keytag and the reader.

#### **VEHICLE CHARACTERISTICS**

To reach the rated reading distance for the KT-UHF with a long-range reader, the keytag should be held outside the vehicle's window. Either flat side of the keytag should face the reader.

#### **TEST FOR RELIABLE KEYTAG READING (with a Long-Range Reader)**

1. Move the vehicle so that the selected keytag reading location is in the reader's effective RF field. At the selected keytag location, hold the keytag by squeezing its metal tab between the thumb and forefinger. The hand should be away from the keytag. The fingers should not cover the face of the keytag. The keytag should face the reader.
2. Do not have other material near the keytag while testing. It should be in open space, with only the fingers close.
3. Keytag reads are indicated by AWID's LR-Sounder test unit clipped to the reader's wires, or by the reader's LED, or by gate or door opening.

#### **USING THE KEYTAGS**

- To hold the keytag, clamp it between fingertips at the metal tab. Your hand should be behind the keytag. Your fingers should not extend over the face of the keytag. Keeps keys away from the keytag.
- If the keytag is suspended from a keychain or keyring, hold the keychain or keyring between your fingertips.
- At the planned reading distance, align the keytag with the face of the reader.



#### **FOR END USERS**

- Prepare written instructions for the customer.
- Train the customer's technician in use of the keytags.