

## CREDENTIALS FOR UHF READERS LR-911

### VEHICLE MOUNT OPTIONS



#### WS-1216-0-0 Windshield Tag

- Self-adhesive tag applied inside windshield
- Hands-free vehicle identification
- Secure tag permanently attached directly on glass
- Out of driver's vision – smaller than a business card



#### MT-1014-0-0 Metal Tag

- Best tag for trucks & buses – tag facing side of lane
- Attached by self-adhesive, or fasteners, or Velcro
- Variety of uses – inside or outside, fixed or movable
- Suitable for requirements of diverse applications



**The RFID with Best ROI™**

**Range**

- Vehicle-mounted tags – up to 11 feet (3.3 m).

**Reader Selection**

- Vehicle-mounted tags – use with LR-911 reader only.

**Technology in Tags and Cards**

UHF communications between LR-911 reader and credentials.

- Excitation frequency: - 902 MHz to 928 MHz, frequency-hopping in 50 channels with pseudo-random pattern; 500 kHz channel spacing.
- Read repetition rate: - About 3 reads per second (factory default; field-programmable to slower repeat rates).

**Encoding for Tags and Cards**

- Code format types: - Wiegand-type for general use; other types for proprietary formats.
- Code format options: - Number of bits – between 26 and 56 bits total. Open code formats with 26 bits and 37 bits. Reserved facility codes in special 34-bit format.

**Information Required in Purchase Order**

- Product part number and quantity.
- Code format name ( *nn-bit-fff*, where *nn* = total number of bits, and *fff* = 3 letters that designate AWID’s format assignment).
- Facility code (also called site code or company code).
- Starting and ending numbers for sequential individual identification numbers for the credentials.

**Environmental Conditions**

- Operating temperature: MT: 14 ° F to +140 °F (-10 °C to +60 °C) WS: -31 ° F to +140 °F (-35 °C to +60 °C)
- Operating humidity:0% to 95% non-condensing.

|                    | <b>Width</b> | <b>Height</b> | <b>Thickness</b> | <b>Notes</b>   | <b>Material</b> |
|--------------------|--------------|---------------|------------------|----------------|-----------------|
| <b>WS-1216-0-0</b> | 3-3/8” inch  | 2-1/8 inch    | 1/32 inch        | Peel off label | Polyester       |
| <b>MT-1014-0-0</b> | 8 inch       | 1 inch        | ¼ inch           | Peel off label | ABS             |

**Slots and Holes**

- WS: Must have no slots or holes, punched or drilled.
- MT: Contains holes at the ends for screws, rivets, wire ties. Must not be punched or drilled

**Applications**

- Credentials may be used on cars, trucks and buses of all sizes, and on special vehicles (fire trucks, forklifts, etc.).
- If the vehicles are a mix of different vehicle sizes, such as passenger cars and semi-trailer trucks), use the LR-2000HiLoMA reader set. Select the tags and cards that are appropriate for the application.

**Installation Guidelines for Credentials with LR-911 Reader**

- When planning the installation, please consult the guideline: LR-911 Tags - Mounting Instructions V1.2.pdf

**Options and Accessories**

- **LR-911KIT Installation Kit** : *Required* – a one-time purchase for the installer.



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