

PE3LR-S : Multi-technology Reader

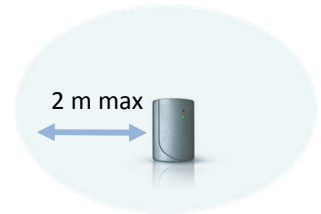
- HANDS FREE
- Compatible with EM cards - MIFARE - NFC
- WIEGAND, RS485 Output






ADVEEZ's PE3LR-S is a hands free access reader. Detection range is fixed to 3 or 6 feet ensuring full three-dimensional detection. It offers a highly convenient & efficient access control by using ADVEEZ's PE3LR-T tag, which can be carried in a bag or in a pocket - it will still be clearly identified. PE3LR-S reader can replace any reader to bring hands free detection whenever needed without changing customer tags because PE3LR-S is compatible with EM cards, MIFARE and NFC.

Features

- * Fully hands free reading of PE3LR-T tag
- * Highly accurate reading distance. 2 options 3 feet or 6 feet
- * Compatible with 125kHz EM passive cards (ISO 11784/11785)
- * Compatible with MIFARE A & B type
- * Compatible with NFC tags / Phone
- * Interface with Controllers: RS485, WIEGAND
- * Reading range is not reduced through concrete, wood, glass
- * Highly secured communication through AES128 encryption
- * IP 67 for outdoor and indoor use
- * 12/24V DC power supply



| | | | |
|---|--|--|--|
| <p>Hands free tag</p> <p>PE3LR-T</p>  | <p>Hands free tag & card holder</p> <p>PE3LR-TX</p>  | <p>MIFARE—NFC</p> <p>PE3LR-S</p>  | <p>Outputs</p> <p>RS485</p> <p>WIEGAND</p> |
|---|--|--|--|

Reader Wiring instructions - 2 options

1. RS485 - ADVEEZ Proprietary encrypted protocole
2. Wiegand 32 bits (Default configuration)

| Pin out | Wiring | Function |
|---------|--------|-----------|
| Pin1 | Red | +12V |
| Pin2 | Black | 0V |
| Pin3 | Green | Data 0 |
| Pin4 | White | Data 1 |
| Pin5 | Grey | RS485 B |
| Pin6 | Orange | Green Led |
| Pin7 | Brown | RS485 A |
| Pin8 | Purple | Tamper |
| Pin9 | Blue | 0V |
| Pin10 | Yellow | BUZZER |

Wiegand Frame details

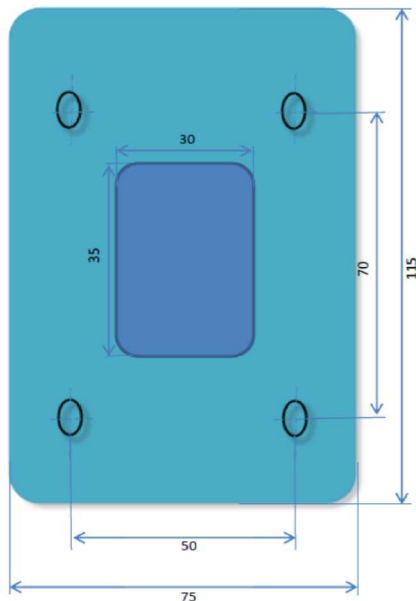
Mifare or EM tag UID : 0xAABBCCDD

Hand free tag UID : 0xAABBCCDD

| Bit 0-7 | | Bit 8-15 | | Bit 16-23 | | Bit 24 –31 | |
|---------|---|----------|---|-----------|---|------------|---|
| A | A | B | B | C | C | D | D |

READER MOUNTING DIMENSIONS (mm)

Back cover details - 4 screws not included in reader package



This device (FCC ID : R8T-PERL3-C) complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation"

The users manual or instruction manual for an intentional radiator shall caution the user that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. In cases where the manual is provided only in a form other than paper, such as on a computer disk or over the Internet, the information required by this section may be included in the manual in that alternative form, provided the user can reasonably be expected to have the capability to access information in that form.