# RDR-2 Product specifications

External proximity reader, compatible with the Prox-in-a-Box (PIAB) access control system. The system is designed to limit access to restricted areas, while permitting authorized people to enter.

The reader is 26-bit Wiegand compatible proximity reader and can be used with any other compatible access control system.

It is recommended to install the reader on a wall outside the protected area, and the PIAB control unit inside the protected area.

Proximity access cards or tags are used as keys to open these doors. When in the presence of the reader, the access card emits a coded RF signal that is read by the proximity reader.

**Format:** 26-bit Wiegand serial communication
**Indicators:** Tri-color LED (green, red, amber).
**Frequency:** 125 kHz
**Tag reading range**:
**RDR-2:** 50 - 100 mm (2 - 4 in.)
**Current Drain:** Nominal 50mA, Max. 70mA @12VDC
**Operating temperature:** -20°C to 50°C (-4°F to 122°F)
**Dimensions (L x W x D)**:
**RDR-2:** 116 x 70 x 16.8 mm (4 - 1/2 x 2 - 3/8 x 5/8 in.)

We, the undersigned,

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certify and declare under our sole responsibility that all devices below are electrically-electronically identical to
tested unit RDR-2 Model Number  3-6302-0 :

| Part Number | Description | Differences |
|---|---|---|
| 3-6304-0 | Proximity reader RDR-4 | Compatible with AXS-100 (Networkable 2-Door controller) |
| 3-6301-2 | Proximity reader RDR-1B | Compatible with  TIAB KIT2 ( Networkable Single Door controller) |

| **Reissued by:** | |
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| Tel-Aviv, Israel August  28, 2013 | *Michael Wasserstein* *General Manager* |

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