

RFID Readers

SCIEL READER R
Ref. SCIBT27B



- 🕒 **“Hands-free”**: automatic contactless reading system without any operation on our Active RFID Tags
- 🕒 Interfaces: RS232, RS485 or USB and Wiegand or Clock & Data
- 🕒 Stand-alone working mode with 1 dry contact relay included
- 🕒 Adjustable Receiving Range up to 100m (open field)
- 🕒 ERM software: configuration tool running on PC (format, speed, reading distance, ...)
- 🕒 Painted aluminium housing - waterproof **IP65**

TECHNICAL SPECIFICATIONS

| | | |
|------------------------------|---|---------------------|
| External power supply | 12 VDC | |
| Average current | 20 mA or 34 mA if relay activated | |
| Frequency | 433.92 MHz | |
| Receiving range | Adjustable up to 100m (open field) | |
| Access control protocol | <i>Wiegand 26 bits</i> | <i>Data Clock</i> |
| | D0 - D1 | Data – Clock |
| | 26 bits | 10 or 13 characters |
| Output interfaces | RS232 or RS485 half/full duplex, USB (internal plug) | |
| Commands | 1 NO/NF dry contact: 0.5 A @ 125 VAC / 1 A @ 24 VDC Stand-alone mode : activated upon detection of one ID code and remains closed if one or more codes are within the reception area. On-line mode : activated by software command. Software configuration by “ERM” configuration tool | |
| Connectors and fixing system | Screw connectors on board – Cable through Gland connector 4 internal mounting holes | |
| Settings | ERM Configuration tool provided for PC running over Windows XP | |
| LED indicator | Power, relay activation | |
| Operating temperature | -20°C to +60°C | |
| Casing | Painted aluminium: 95 x 54 x 35 mm IP65 Waterproof | |
| Standards | EN 301 489 – 3: 2002 V1.4.1; EN 300 220 – 2007: V2.1.2; CE; RoHS | |
| Options | SCIEL READER RU (SCIBT36B) - with direct auto-powered USB cable SCIEL READER R24 (SCIBT34B) - with input voltage from 24 to 60VDC SCIEL READER RM (SCIOM27B) - OEM board | |

SCIEL READER RM: OEM version/ ref. SCIOM27B

