

## SCIEL READER R

Industrial RFID tag reader



### BENEFITS

- Hands-free": automatic remote reading system for Active ELA Innovation RFID tags
- Interfaces: RS232, RS485 or USB and **Wiegand or Clock & Data**
- Autonomous operation with **1 dry relay contact**
- Adjustable reception range
- ERM: configuration software for PC



## TECHNICAL SPECIFICATIONS

### OPERATING MODE

<b>Frequency</b>	433.92 MHz
<b>Average power</b>	20mA or 34 mA if relay is activated
<b>Range</b>	Up to 100 meters in open field
<b>Access control protocol</b>	Wiegand 26 bits : D0 – D1 26 bits Data Clock : Data - clock 10 or 13 characters
<b>Output interfaces</b>	RS232 or RS485 half/full duplex, USB (internal housing socket)
<b>Commands</b>	1 dry contact No/Nf : 0.5 A @ 125 VAC / 1 A @ 24 VDC <b>stand-alone mode:</b> relay activated on receipt of an ID code and maintained if one or more ID codes are received. <b>On-line mode :</b> relay activated by software control ERM configuration software.
<b>Settings</b>	ERM Software for PC
<b>Internal LED indicator</b>	Power supply - Relay status - Receiving ID codes

**BATTERY**

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**Power supply** 12 VDC

**CERTIFICATIONS**

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**Europe** CE : EN 300 328/EN 300 330 / EN 301 489 / EN 62311 / EN 62368

**USA** FCC : FCC PART 15

**Canada** ISED : RSS-247/ICES-003

**RoHs** Yes

**HOUSING**

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**Dimensions** 95 x 54 x 35mm

**Connector and mounting** Board-mounted terminal block - cable gland - 4 fixing holes

**Materials** Aluminium

**Waterproofness** IP 65

**Operating temperature** -20°C to +60°C

**OPTIONS**

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**Crimped USB cable connection** SCIEL READER RU (SCIBT36B)

**Input voltage from 24 to 60 VDC** SCIEL READER R24 (SCIBT34B)

**Card without housing** SCIEL READER RM (SCIOM27B)