

## Active RFID Readers

### SCIEL READER R

Ref. SCIBT27

- 🕒 « Hand-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 200m (open field)
- 🕒 ERM software : configuration tool running on PC (format, speed, reading distance, ...)
- 🕒 Painted Aluminium housing – waterproof IP65



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 80m (open field)	
Access Control Protocol	Wiegand 26 bits	
	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 <b>Stand-alone mode</b> : activated upon detection of one ID code and remains closed if one or more codes are within the reception area. <b>On-line mode</b> : 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	
DEL Indicator	Power, Relay activation	
Casing	Painted Aluminium : 95 x 54 x 35 mm - IP65 Waterproof	
Operating Temperature	-25 °C to +60 °C	
Standards	EN 301 489 – 3 : 2002 V1.4.1 ; EN 300 220 – 2007 : V2.1.2 ; CE Mark ; RoHS Certified	
Options	SCIEL READER RU (SCIBT36B) - with direct auto-powered USB cable SCIEL READER R24 (SCIBT34B) – with input voltage from 12 to 60VDC SCIEL READER RM (SCIOM27B) – OEM board	