

Decoder for transparent reader

EasyRemote



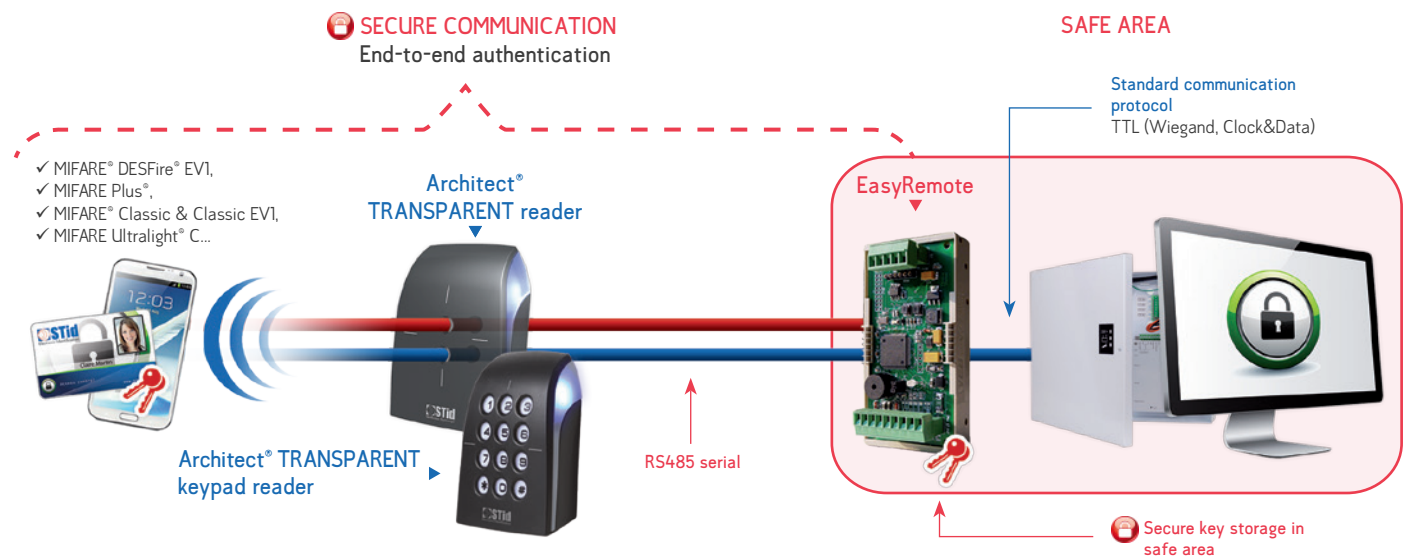
RS485

TTL

Compatible
SECARD
Security Management System

Reader with Plug & Play transparent mode

The EasyRemote interface makes the reader transparent for direct authentication with the chip in accordance with the official recommendations (**ANSI architecture number 1**). The security parameters are located in the safe area and the decoder converts the RS485 secure communication into Wiegand or Clock&Data protocol.



- ▶ Plug & Play integration on controllers with Wiegand or Clock&Data protocols.
- ▶ Reader and interface programming by secure configuration cards (SECard).
- ▶ Accelerometer-based reader tamper protection system: key erasing in the interface if the reader is tampered.
- ▶ Tamper protection input on interface to erase keys.

- ▶ Secure key storage with AES 128 bits encryption.
- ▶ SAM software with the same security mechanism than in the CSPN certified reader.
- ▶ Supports standard and specific diversification methods (CIMS Ministry of Defense card, French government & police cards – “Cartes Agents”...)
- ▶ Compliant with Architect® and Architect® keypad (ARC-B) readers.

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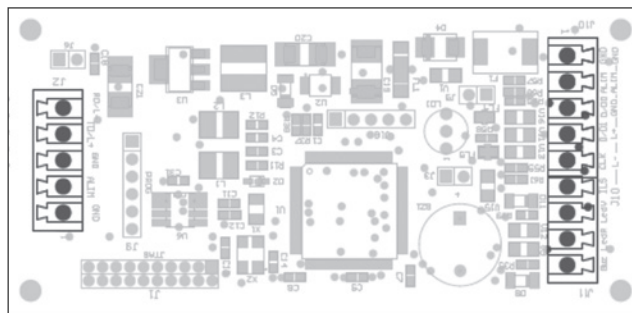
Specifications

Power supply	7 VDC to 24 VDC
Power requirement	Interface: typical 40 mA/12 VDC ARC A reader: typical 100 mA/12 VDC ARC B reader: typical 130 mA/12 VDC
System output	Customizable Wiegand or Clock&Data
Reader output	RS485 transparent
Connections	Reader (input): removable screw terminals <ul style="list-style-type: none"> • 5-pin for connection to decoder • 2-pin: O/F contact - Tamper detection signal Decoder: removable screw terminals <ul style="list-style-type: none"> • 5-pin for connection to reader • 9-pin for connection to controller
Dimensions	Electronic board: 93 x 45 mm Electronic board with mounting kit: 97 x 49 x 34 mm
Operating temperatures	- 20°C to + 70°C / Humidity: 0 - 95%
Tamper switch	Reader: Accelerometer-based tamper detection system with key deletion option (patent-pending) Decoder: possibility to wire a tamper switch
Part number	INT-R33-F/PH5-xx
y: Casing colour (1: black - 2: White)	Readers compatible with this device: RFID reader: ARC-R33-A/PH5-7BB/y RFID reader + keypad: ARC-R33-B/PH5-7BB/y



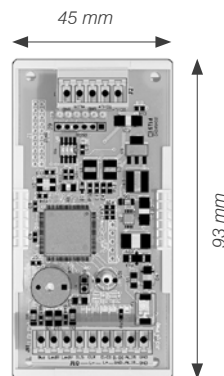
Connector for reader

1	L-
2	L+
3	GND
4	+Vcc
5	GND



Connector for system

	Wiegand type	Clock&Data type
1	0Vdc	0Vdc
2	+Vcc	+Vcc
3	Data 0	Code
4	Data 1	Data
5	Clock	Clock
6	Sw	Sw
7	Green LED	Green LED
8	Red LED	Red LED
9	Buzzer	Buzzer



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