

Decoder for transparent reader

EasyRemote

Compatible
SECARD
Security Management System

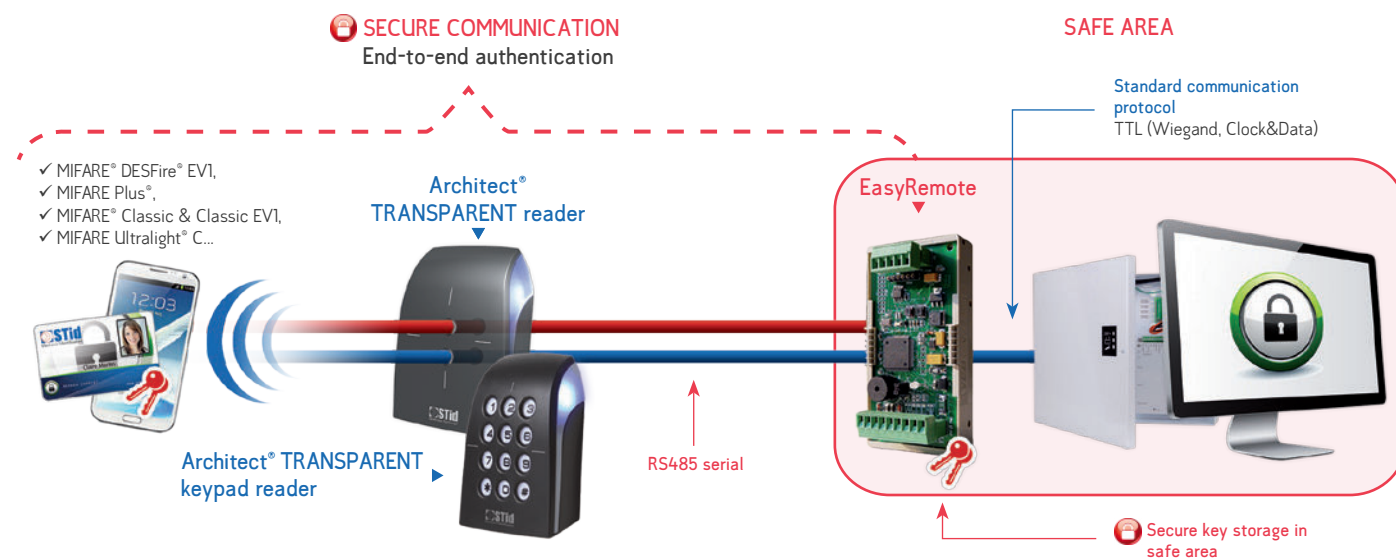


RS485

TTL

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 (**ANSSI 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.

Decoder for transparent reader

EasyRemote

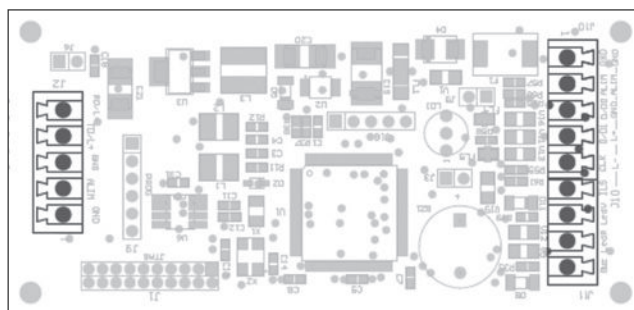
Specifications

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 5-pin for connection to decoder 2-pin: O/F contact - Tamper detection signal Decoder: removable screw terminals 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 y: Casing colour (1: black - 2: White)	INT-R33-F/PH5-xx Readers compatible with this device: RFID reader: ARC-R33-A/PH5-7BB/y RFID reader + keypad: ARC-R33-B/PH5-7BB/y



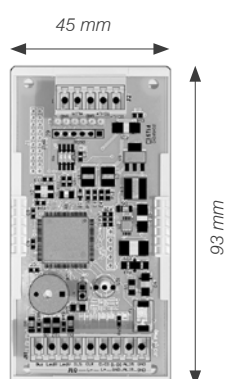
Connector for reader

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



Legal statements: STid and Architect® are trademarks of STid SA. MIFARE® is a NXP trademark. All other trademarks are property of their respective owners.
This document is the exclusive property of STid. STid reserves the right to stop any product or service for any reason and without any liability - Noncontractual photographs

Headquarters

20 Parc d'activités des Pradeaux
13850 Gréasque, FRANCE
☎ +33 (0)4 42 12 60 60
✉ +33 (0)4 42 12 60 61
✉ info@stid.com

Paris IDF Agency

Immeuble Le Trisalys
416 avenue de la division Leclerc
92290 Chatenay Malabry, France
☎ +33 (0)1 43 50 11 43
✉ +33 (0)1 43 50 27 37
✉ info@stid.com

STid UK

Innovation centre
Gallows Hill, Warwick
CV34 6UW, United Kingdom
☎ +44 (0) 1926 217 884
✉ +44 (0) 1926 217 701
✉ info@stid.com

STid America

Varsovia 57, Interior 501, Colonia Juárez
CP 06600, Delegación Cuauhtémoc
México D.F.
☎ +52 (55) 52 56 47 06
✉ +52 (55) 52 56 47 07
✉ info@stid-america.com