

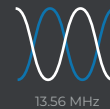
REMOTESECURE

SMART INTERFACE FOR TRANSPARENT READERS



BENEFITS

- Transparent Reader: no keys in the reader and transparent communication
- Cost-effective and quick integration
- Storage of keys in a safe area
- Self-protection for key deletion



The RemoteSecure interface makes the reader transparent to communicate directly with the System in accordance with official guidelines (such as French ANSSI Architecture #1) - whilst also reducing transparent protocol integration costs.

MIGRATE TO HIGH-SECURITY

Transparent access reader

Access control systems don't always allow for the implementation of the latest security standards. Updating a legacy system can also be incredibly expensive.

The RemoteSecure interface transfers the security settings and keys to a protected area, which makes the reader "transparent" to communicate directly with the System.

The Reader therefore becomes transparent because it doesn't contain any keys and the data is end-to-end protected.

All information sent from the interface to the system is secured by the SSCP® v1 communication protocol.

Advanced self-protection functionality

STid readers feature an innovative accelerometer-based self-protection system.

If a tamper is detected, the keys stored in the RemoteSecure interface can be deleted via SSCP® commands.

EASY INTEGRATION

The intelligent interface removes the timely constraints and costs of integrating the transparent protocol.

Plug & Play - it easily enables you to switch from an SSCP® v1 architecture to a transparent architecture.

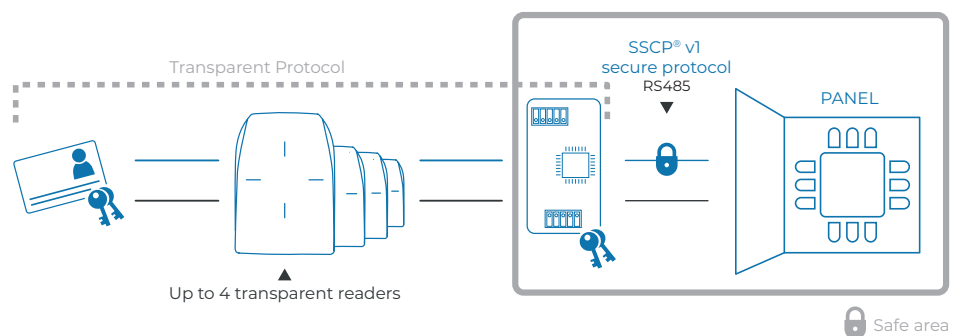
EASY TO INSTALL

Installed in a protected area, the interface uses RS485 serial communication with the reader for flexible and easy wiring.

STid's RemoteSecure Addressable version allows you to interface with 4 matching readers.

Several interfaces can be connected to the same local unit, managing a double addressing interface - Reader.

These smart features can significantly reduce cabling and hardware costs.



SPECIFICATIONS

Versions	Standard RemoteSecure	Addressable RemoteSecure
Number of readers	1 interface for 1 reader	1 interface that can manage up to 4 readers of the same model
Communication bus with the reader	RS485 serial link TAMA Transparent Protocol	
Communication bus with the system	RS485 serial link SSCP® v1 secure communication protocol	
Advanced security mechanisms	<ul style="list-style-type: none"> · 128-bit AES data encryption and randomization · Authentication procedure (HMAC-SHA1) before any data transmission · Security parameters managed by SSCP® commands 	
Power supply	7 to 28 VDC (with Architect® reader) / 9 to 15 VDC (with Architect® One reader) - Also depends on cable length	
Power Consumption	40 mA/12 VDC typical - 60 mA/12 VDC max (interface only)	
Connectors	Pluggable screw terminal block Reader side: 5 points Controller side: 5 points	
Dimensions (h x w x d)	Card only: 93 x 46 mm / 3.7" x 1.8" - Card with mounting kit: 97 x 49 x 34 mm / 3.8" x 1.9" x 1.3"	
Operating temperatures	- 20°C to + 70°C / - 4°F to + 158°F	
Anti-tearing function	Reader: accelerometer tear-off detection (patent pending) with the possibility of erasing the keys in the interface The keys will be deleted in the interface on query of the reader via the TamperSwitchInfos command.	
Mounting	WIELAND mounting brackets for DIN RAIL included	
Certifications	CE	
Item Codes	INT-E-7AA/7BB	INT-E-7AA/7BC
Compatible readers y: casing color (1: black - 2: white)	ARC-W33-A/PH5-7BB/y ARC1-W33-B/PH5-7BB/y / ARC1-W33-A/PH5-7BB/y	ARC-W33-A/PH5-7BC/y ARC1-W33-B/PH5-7BC/y / ARC1-W33-A/PH5-7BC/y

DISCOVER OUR COMPATIBLE PRODUCTS



SSCP® certified communication standard

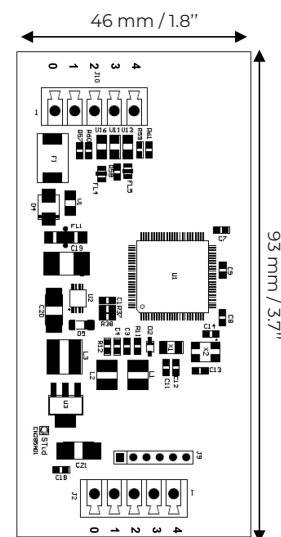
The interface is compatible with the open protocol SSCP® (Secure & Smart Communication Protocol). It ensures security between the reader and the management system, by allowing data encryption (AES) and mutual «reader-controller» authentication before any communication.



High-security
RFID readers



13.56 MHz or dual-frequency
ISO cards & key fobs



Legal Notice: STid, SSCP® and Architect® are registered trademarks of STid SAS. All trademarks mentioned in this document belong to their respective owners. All rights reserved - This document is the sole property of STid. STid reserves the right, at any time and without notice, to make changes to this document and/or to stop marketing its products and services. The photographs are non-contractual.

© STid 2021, all rights reserved / Flyer_RemoteSecure_v1.00_US

Headquarters / EMEA

13850 Créasque, France
Tel.: +33 (0)4 42 12 60 60

PARIS-IDF

92290 Châtenay-Malabry, France
Tel.: +33 (0)1 43 50 11 43

STid UK Ltd.

Callows Hill, Warwick CV34 6UW, UK
Tel.: +44 (0) 192 621 7884

NORTH AMERICA

Irving, Texas 75063-2670, USA
Tel.: +1 469 524 3442

LATINO AMERICA

San Rafael 06470 CDMX, México
Tel.: +52 (55) 5256 4706

info@stid.com
www.stid-security.com