EASYCASI

THE SMART CASI-RUSCO® INTERFACE
MAKES YOUR MIGRATIONS EASIER

STid

SECARD

SSCP — Supported by — SPAC — Smart Physical Access Control
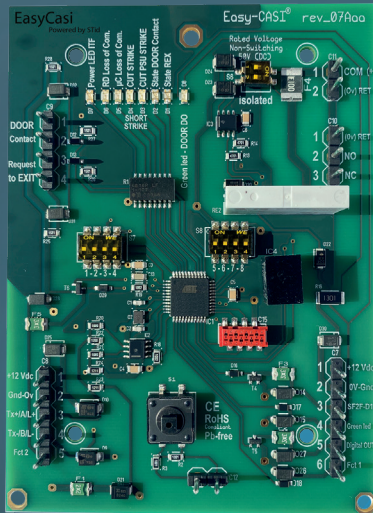
COMPATIBILITY

- UHF
- MIFARE® Credentials
- Bluetooth® & NFC Smartphones
- SSCP Protocol
- SECard Software

STid Mobile ID®

NXP · MIFARE · Bluetooth® · NFC

Read Only | Read | Write | RS485 INPUT | SF/2F OUTPUT

EasyCasi facilitates your technological migrations of CASI-RUSCO® systems to secure access control applications.

This interface enables you to benefit from the very highest levels of security and the innovative functionality of the Architect® and Architect® Blue readers, without having to upgrade your access control system.

The EasyCasi interface converts and decrypts RS485 SSCP communications in the supervised SF/2F protocol so that they become compatible with the existing access system.

MIGRATE TO THE LATEST TECHNOLOGIES

MIFARE® DESFire® EV2 RFID

When combined with EasyCasi, the Architect® readers support the latest contactless MIFARE® DESFire® EV2 chips with new data securization systems: Secure Messaging EV2 and Proximity Check.

Bluetooth® Low Energy & NFC Smartphones

EasyCasi allows for the use of virtual badges. Smartphones are used as access keys, doing away with all the constraints of traditional access, and with modes of identification that are both secure and instinctive.

QR Code

The interface simplifies your temporary access control and visitor management applications by reading 1D and 2D codes: QR Code, Micro QR Code, 128 code, Aztec and Data Matrix.

UHF EPC1 GEN 2

You can easily integrate long-range UHF technologies for smoother car park access control and automatic vehicle identification applications.
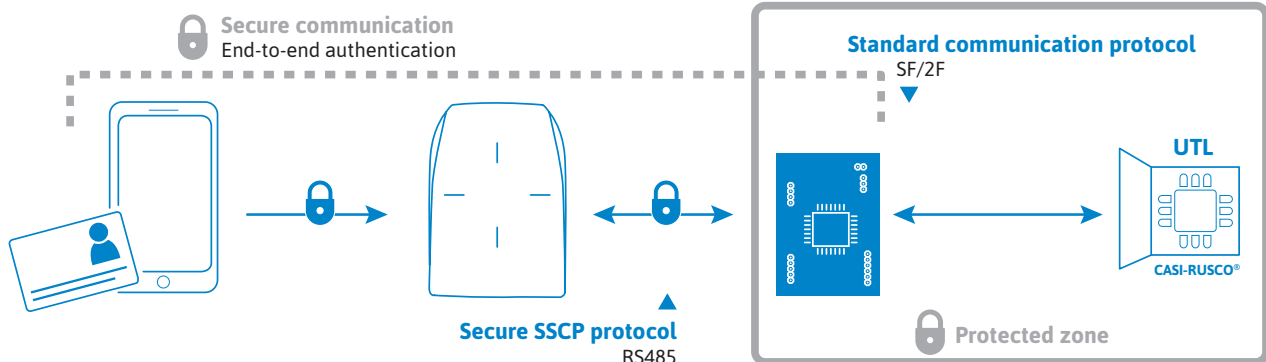
CONTROL EVERYTHING THROUGH A SINGLE INTERFACE

EasyCasi makes it possible to manage numerous functionalities:

- **Connection status with the pushbutton and position switch**: closed, open and self-protection (by input).
- **Status of the connections between the reader and the interface / the interface and the microcontroller**.
- **Activation of the reader accelerometer monitor**: any attempts to detach the reader stop the communications between the reader and the interface.

EASY INTEGRATION AND INSTALLATION

The design is optimized for the use of the wiring and the mounting holes of the existing interface, guaranteeing a cheap and easy migration.

Secure communication
End-to-end authentication

Standard communication protocol
SF/2F

UTL

Secure SSCP protocol
RS485

Protected zone

CASI-RUSCO®

SPECIFICATIONS

Output to the reader	R33 / RX3: read-only RS485, secure SSCP protocol WX3: read-write RS485, secure SSCP protocol Secure communication
Output to the system	Supervised SF/2F protocol
Advanced security levels	• 128-bit AES data encryption and randomization • Authentication procedure (HMAC-SHA1) before transmitting any data • Communication and security settings defined using SCB reader configuration badges
Power supply	7 VDC to 28 VDC
Consumption	Typical 20 mA / 40 mA with active relay
Mounting	2 fixing holes 4.3 mm diameter compatible with CASI-RUSCO® enclosure / 3 fixing holes MNX PCM 150/60 T / 4 fixing holes 4 mm diameter compatible with MERCURY enclosure
Connectors	Interface <-> reader: 5-point unpluggable terminal block Interface <-> system: 6-point unpluggable terminal block
Dimensions (h x l)	96 x 132 mm / 3.8'' x 5.2''
Operating temperatures	- 40°C to + 85°C / - 40°F to + 185°F
Certifications	CE & FCC
Part number	INT-EASYCASI

FIND OUT MORE ABOUT OUR RS485-COMPATIBLE READERS

Mini mullion readers

Biometric readers

Card readers + QR Code

Long-range UHF readers

Standard / keypad / touch screen - keypad readers

Multi-technology readers
125 kHz + 13.56 MHz
+ optional Bluetooth®

Built-in readers

OEM modules

ATEX & IECEx certified readers

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