ARCHITECT®

TRANSPARENT READER COMPLIANT WITH ANSSI
FOR ACCESS CONTROL

STid Electronic Identification

COMPATIBILITY

SSCP

- ISO14443 types A & B
- MIFARE® credentials
- NFC HCE Smartphones
- SSCP & SSCP2 Protocols
- SECard software

LET YOUR IMAGINATION FLOW

YOUR LOGO

PRINTING OF YOUR LOGO
using digital UV
or pad printing

Customization
of the multicolor LEDs
(RGB, 360 colors)

Casing color

"Skin effect" new customization technology

CERTIFICATIONS

CE FC

13.56 MHz | **Read only** | **Read | Write** | **RS485** | **IK10** | **Resistant**

8 Awards

ANSSI COMPLIANT TRANSPARENT READER

Compliant with the ANSSI architecture number 1, the Architect® transparent reader is used to transfer security mechanisms and key storage in safe area. The reader does not contain keys and the security is guaranteed across the chain. It is also compatible with the EasyRemote and RemoteSecure smart interfaces into any system.

SECURE COMMUNICATION PROTOCOLS

The open protocols SSCP* and SSCP2 provide security between reader and management system, enabling AES encryption and mutual "reader-controller" authentication before communication.
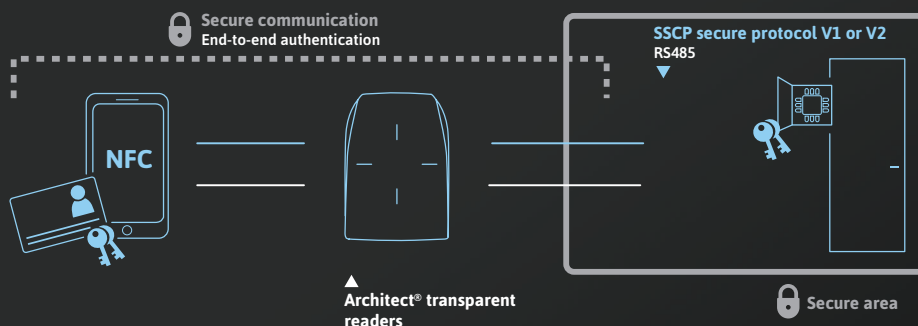
- Open, non-secret protocol
- Cryptography using public algorithms
- Reader authentication (session keys)
- Signature, encryption
- User key management
- Choice of communication method and security level (plain, signed, encrypted, signed and encrypted)

BEST MARKET SELF-PROTECTION

For more security, the patented tamper protection system protects sensitive data and gives the possibility to delete the sensitive data such as SSCP keys. Unlike the current solutions on the market, the reliability of the accelerometer based technology avoids it being outsmarted.

STANDING THE TEST OF TIME

The Architect® reader design has been developed to withstand harsh environments, to operate outside (IP65 level) and to offer a high impact resistance (IK10 certified).

🔒 **Secure communication**
End-to-end authentication

SSCP secure protocol V1 or V2
RS485

NFC

▲ **Architect® transparent readers**

🔓 **Secure area**

*STid Secure Common Protocol

SPECIFICATIONS

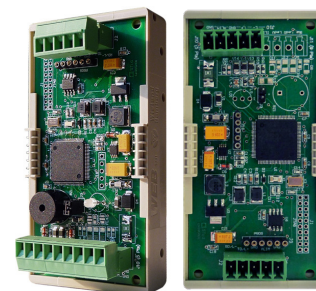|	
Operating frequency/Standards	13.56 MHz. ISO14443 types A & B, ISO18092 (NFC)
Chip compatibility	MIFARE Ultralight® & Ultralight® C, MIFARE® Classic & Classic EV1, MIFARE Plus® & Plus® EV1, MIFARE® DESFire® 256, EV1 & EV2, NFC (HCE), SMART MX, CPS3, PicoPass®, iCLASS™ (CSN only)*
Functions	Read only: CSN or private ID (sector/file) / Secure Read Write
Reading distances**	Up to 7 cm / 2.76'' with a MIFARE® Classic card Up to 5 cm / 1.97'' with a MIFARE® DESFire® EV2 card
Communication interfaces & protocols	RS485 with secure communication protocols SSCP & SSCP2 Compatible with EasyRemote, RemoteSecure and RemoteSecure addressable interfaces
Light indicator	2 LEDs RGB - 360 colors Configuration by card and software in R33 / By software in W33
Indicateur sonore	Internal buzzer Configuration by card and software in R33 / By software in W33
Power requirement	130 mA/12 VDC max
Power supply	9 VDC to 15 VDC
Connections	2-pin plug-in connector (5 mm / 0.2") GND / VDD 2-pin plug-in connector (5 mm / 0.2") L+ / L-
Material	ABS-PC UL-V0 (black) / ASA-PC-UL-V0 UV (white)
Dimensions (h x w x d)	106.64 x 80 x 25.70 mm / 4.17" x 3.14" x 0.98" (general tolerance following ISO NFT 58-000 standard)
Operating temperatures	- 20°C to + 70°C / - 4°F to - 158°F / Humidity: 0 - 95%
Tamper switch	Accelerometer-based tamper detection system with key deletion option (patented solution)
Protection / Resistance	IP65 Level excluding connector - Weather-resistant with waterproof electronics (CEI NF EN 61086 homologation) Reinforced vandal proof structure IK10 certified
Mounting	Compatible with any surfaces and metal walls - Wall mount / Flush mount: - European 60 & 62 mm / 2.36" & 2.44" - American (metal/plastic) - 83.3 mm / 3.27" - External dimensions: 101.6 x 53.8 x 57.15 mm / 3.98" x 2.09" x 2.24" Examples: Hubbel-Raco 674, Carlon B120A-UP
Certifications	CE & FCC
Part numbers y: casing color (1: black - 2: white)	Secure read only / EasyRemote interface - RS485..ARCT-R33-A/PH5-7BB/y Secure read/write SSCP - RS485(1)..ARCT-W33-A/PH5-7AA/y Secure read/write SSCP2 - RS485(1)..ARCT-W33-A/PH5-7AD/y Secure read/write SSCP / RemoteSecure interface - RS485...ARCT-W33-A/PH5-7BB/y Secure read/write SSCP / RemoteSecure addressable interface up to 4 readers - RS485.........ARCT-W33-A/PH5-7BC/y

Liberté • Égalité • Fraternité
RÉPUBLIQUE FRANÇAISE
PREMIER MINISTRE

Compliant with the ANSSI
architecture number 1

SECARD SSCP

Fully compatible with the SSCP V1 & V2 protocols
and the SECard high security programming kit

Compatible with EasyRemote & RemoteSecure
smart interfaces

Flyer_Architect_ARCT-A_V2.00_US