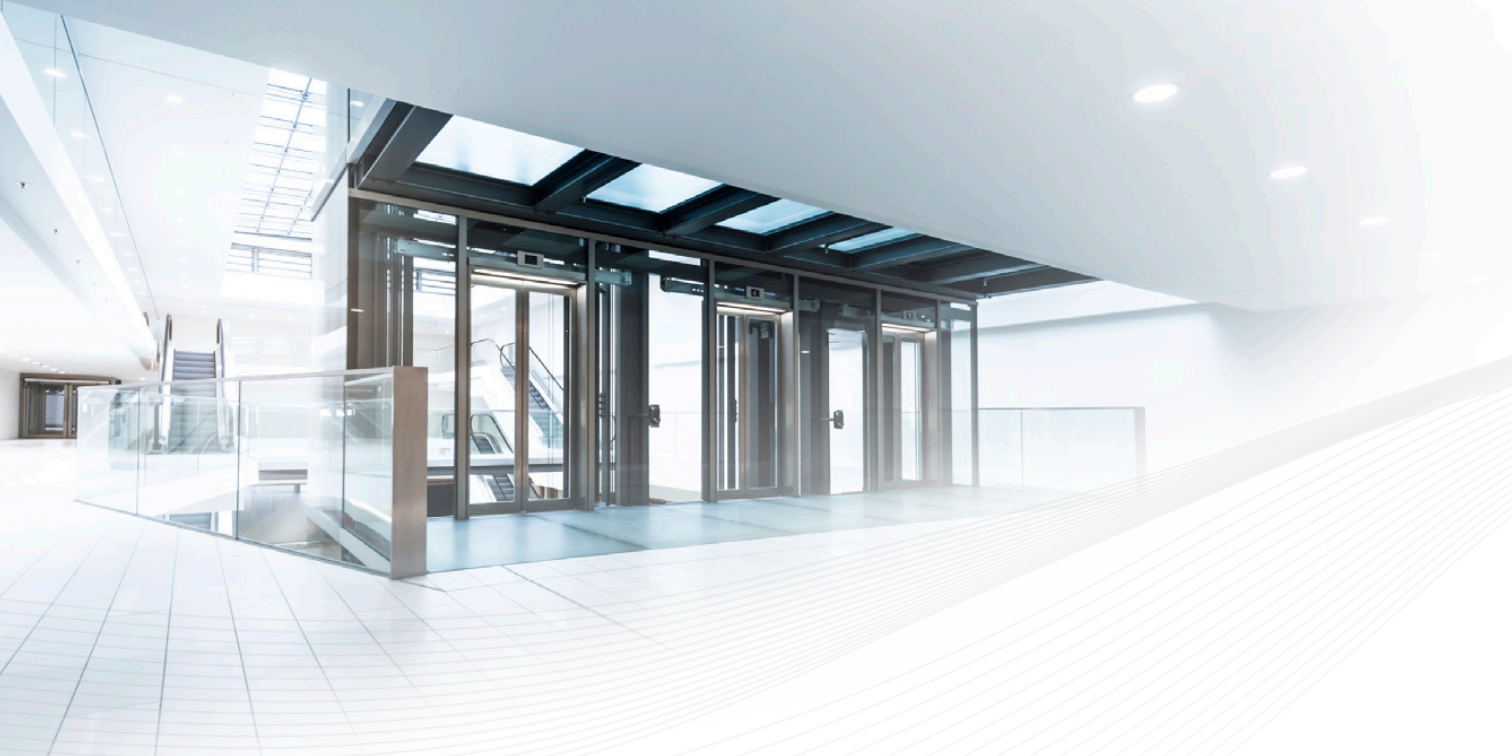




ARCHITECT®

RFID, NFC AND BLUETOOTH® ACCESS CONTROL

www.stid-security.com



Every now and again, things come along that completely transform our way of thinking, creating new benchmarks and challenging our well-worn concepts.

With its range of innovative Architect® readers, STid has created the perfect blend of High Security and upgradability. This is the first modular range of secure RFID, NFC (HCE) and Bluetooth® Smart readers offering both flexibility and simplicity.

Architect® readers are based on a common smart RFID and Bluetooth® Smart core to which various interchangeable modules can be connected, such as card reader, keypad, touch screen, biometric* device...

*RFID version only



▲ VANDAL PROOF

Standing the test of time

▲ MULTI-TECHNOLOGY

Ensure secure migrations

▲ HIGH SECURITY

Easy access to High Security

▲ DESIGN

Let your imagination flow



GOLD TROPHY
EXPROTECTION



SECURITY
MEETINGS
AWARDS



for



STid Mobile ID

▲ SCALABILITY AND MODULARITY

Create your own scalable configuration

The Architect® series is intuitive and dynamic, and consists of 4 interchangeable modules that can easily be connected to a common smart RFID and Bluetooth® Smart core. The concept can be tailored to your needs, offering the optimum solution for any situation and ensuring that all functionalities and security levels can be upgraded across all your readers.

This easy and cost saving modular approach lets you manage the security of your access points autonomously. The concept offers a greater degree of availability and services, while optimizing your inventory by reducing the number of parts needed by 40%.

▲ CREATE YOUR OWN UPGRADABLE CONFIGURATION

RFID AND BLUETOOTH® SMART CORE*



*Bluetooth® Smart in option, **RFID version only

6 possible configurations

1 unique RFID* core, 3 interchangeable covers and 1 biometric** module

▲ HIGH SECURITY

Easy access to high security

STid is the first RFID manufacturer to have received First Level Security Certification (CSPN)*. It's a recognition of our unique know-how, the technological and security expertise that are implemented in your access architecture, whether new or existing.

Architect® readers use the latest MIFARE® and LEGIC® contactless chip technologies with new data security mechanisms. All public encryption algorithms can be used (3DES, AES, RSA, SHA, etc.), which are recommended by official data security agencies (such as the French national agency ANSSI). The Architect® Blue range (including ARCS MIFARE®) uses an EAL5+ cryptoprocessor to improve protection and privacy.

The innovative tamper protection system protects sensitive data and gives the possibility to delete the authentication keys (patented). Unlike the current solutions on the market (mechanical switches, optical sensors, reed switches, etc.), the reliability of the accelerometer based technology avoids it being outsmarted.



Compatible
SECARD or **SEGIC**
Security Management System LEGIC® Management System

▲ MULTI-TECHNOLOGY

Ensure secure migration

The multi-technology Architect® range makes it easy to manage extensions, upgrades and technology migrations.

Readers are available in the following versions:

NXP **MIFARE** (Classic EV1, Ultralight®, Plus®, DESFire® EV1 & EV2), NFC (HCE)
+ optional Bluetooth® Smart with the intuitive and user-friendly identification modes.



Badge



Tap Tap



Slide



Remote



Hands-free

LEGIC innovation in ID technology : ISO14443A / ISO15693 / LEGIC® RF Standard - read for LEGIC® Advant and Prime chips, CSN for the entire MIFARE® range, iCLASS® / PicoPass® and Inside cards.



▲ DESIGN AND CUSTOMIZATION

Let your imagination flow

A signature reflects personal style choices.

The design of Architect® readers is immediately recognizable, with a dynamic and elegant style, featuring clear pure lines.

By day or by night, the Architect® range displays its elegance with its set of multi-colored, high-intensity LEDs.

STid offers a range of customization options to tailor your reader to your corporate image and integrate it fully in its installation environment.

CUSTOMIZABLE MULTI-COLORED LEDs
(RGB, 360 colors) ▲ ▲ ▲

CASING COLOR CHOICE



CASE WITH "SKIN EFFECT" TEXTURE

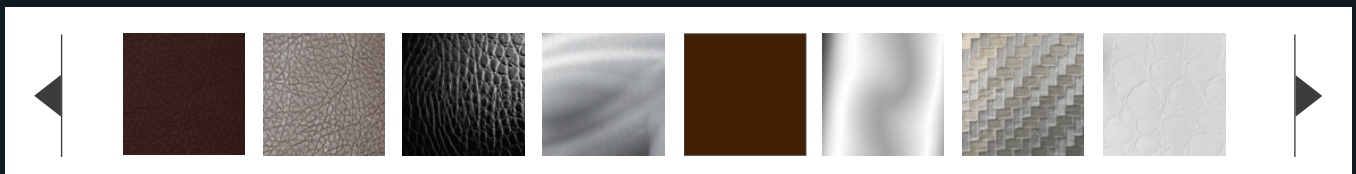


LOGO PRINTING

Tampography

Ink-jet printing HQ

Choose from over 100 skin effects:



SPECIFICATIONS

Reader	MIFARE® version	BLUETOOTH® SMART version	LEGIC® version
Operating frequency / Standards	13.56 MHz - ISO14443 A & B, ISO18092 (NFC), Bluetooth® Smart LE (according version)		13.56 MHz - ISO14443A, ISO15693, LEGIC® RF Standard
Chip compatibility	MIFARE Ultralight® & Ultralight® C, MIFARE® Classic & Classic EV1, MIFARE Plus® & Plus® EV1, MIFARE® DESFire® EV1 & EV2, NFC (HCE), SMART MX, CPS3, iCLASS®, PicoPass®, STid Mobile ID® (Bluetooth® version)		LEGIC® Advant & Prime/CSN MIFARE Ultralight® & Ultralight® C, MIFARE® Classic, MIFARE Plus®, MIFARE® DESFire® EV1 & EV2, iCLASS®, PicoPass®, Inside®, ISO15693-3
Functions	Read only: CSN or private ID (sector / file) / Secure Protocol (Secure Plus) - Read-Write (SSCP and SSCP2)	Read only: STid Mobile ID® / ID+ cards, private ID (sector / file) / Secure Protocol (Secure Plus)	Read only: CSN or private ID (segment) Read-Write (SSCP)
Secure EAL5+ storage	Yes (ARCS version)	Yes	-
Reading distances*	Up to 8 cm with a MIFARE® Classic card Up to 6 cm with a DESFire® EV1 card	Up to 6 cm with a DESFire® EV1 card 0 - 50 m depending the Bluetooth® mode	Up to 8 cm with a LEGIC® Prime card Up to 6 cm with a LEGIC® Advant card
Communication interfaces	TTL / RS232: Data Clock (ISO2), Wiegand or RS232 TTL / RS485: Data Clock (ISO2), Wiegand or RS485 Optional ciphered S31 / S32 / S33	TTL / RS485: Data Clock (ISO2), Wiegand or RS485 Optional ciphered S31 / S33	TTL / RS232: Data Clock (ISO2), Wiegand or RS232 TTL / RS485: Data Clock (ISO2), Wiegand or RS485
Connections	10-pin plug-in connector (5 mm) / 2-pin plug-in connector (5 mm): O / F contact - Tamper detection signal		
Integrated UHF chip	EPC 1 Gen 2 for reader configuration		
Light indicator	2 RGB LEDs - 360 colors Configuration by card, virtual card (Bluetooth® version), UHF technology, soft and external command (OV) in R3x / S3x - By soft in W3x (MIFARE® version)		2 RGB LEDs - 360 colors Software-configuration in R3x & W3x External command (OV) in R3x
Audio indicator	Internal buzzer Configuration by card, virtual card (Bluetooth® version), UHF technology, soft and external command (OV) in R3x / S3x - By soft in W3x (MIFARE® version)		Internal buzzer Software-configuration in R3x & W3x External command (OV) in R3x
Power requirement / "Eco" function	Typical 100 mA / 12VDC 25% reduction in Eco function	Typical 170 mA / 12 VDC	Typical 130 mA / 12VDC
Power Supply	7 VDC to 28 VDC		
Material	ABS-PC UL-V0 (black) / ASA-PC-UL-V0 UV (white)		
Dimensions (H x W x D)	107 x 80 x 26 mm / 4.21" x 3.15" x 1.02"		
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)		
Protection / Resistance	IP65 Level - Weather-resistant with waterproof electronics / Reinforced vandal proof structure IK10		
Certifications	CE / FCC / UL		CE
Mounting	Wall mount / Flush mount (European flush boxes 60 & 62 mm) / Compatible with any surfaces and metal walls		

Keypad features

Keypad	Capacitive Touch keypad - 12 backlit keys Activated / deactivated by card, virtual card (Bluetooth® version), and UHF technology in R3x / S3x By soft in W3x (MIFARE® version)	Capacitive Touch keypad - 12 backlit keys - Activated / deactivated by soft in R3x & W3x
Dimensions (H x W x D)	107 x 80 x 26 mm / 4.21" x 3.15" x 1.02"	
Operating temperatures	- 20°C to + 70°C / - 4°F to + 158°F / Humidity: 0 - 95%	
Protection / Resistance	Weather-resistant with waterproof electronics / Reinforced vandal proof structure IK08 / High resistant laser marking of keys	

Touch screen features

Type	Color touch screen
Touch screen size	2,8" - 240 x 320 pixels
Touch keypad	12 keys - Standard or scramble pad function
Dimensions (H x W x D)	128 x 80 x 31 mm / 5.04" x 3.15" x 1.22"
Operating temperatures	- 20°C to + 70°C / - 4°F to +158°F / Humidity: 0 - 95%
Protection	Weather-resistant with waterproof electronics
Doorbell function	Activated / deactivated according to your configuration

Biometrics features*

Fingerprint sensor	Optical (MorphoSmart™)
Identification time	≤ 1 second
Collecting area	14 x 22 mm / 0.55" x 0.87"
Dimensions (H x W x D)	60 x 80 x 62 mm / 2.36" x 3.15" x 2.44" (biometric module only)
Operating temperatures	- 10°C to + 50°C / 14°F to +122°F / Humidity: 0 - 95%
Protection	Weather-resistant with waterproof electronics

▲ FOCUS



Energy-saving function*

Low energy consumption with "Eco" function.



Easy multi-mode configuration

Card*, UHF technology*, Smartphone** and secure connection.



Vandal proof / High resistant

High robustness - Inside / Outside uses. Weather-resistant with waterproof electronics. Tropicalized electronics compliant CEI NF EN 61086.



MIFARE® and LEGIC® readers fully compatible with the High Security STid **Secure common Protocol - SSCP** for certified solutions.

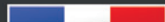


Readers fully compatible with the SIA **Open Supervised Device Protocol - OSDP™ V1 and V2** (according model).

*MIFARE® version, **Bluetooth® version

*Caution: information about the distance of communication: measured from the centre of the antenna, depending on the type of identifier, size of the identifier, operating environment of the reader, power supply voltage and reading functions (secure reading).

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Designed in France

Be free, be smart, be sure

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