HIGH SECURITY MOBILE ACCESS READER

ARCS-C/BT - SMARTPHONE & RFID CARD READER + TOUCHSCREEN

Bluetooth® Smart + RFID MIFARE Ultralight® & Ultralight® C, MIFARE® Classic, MIFARE Plus®, DESFire® EV1 & EV2, NFC HCE, CPS3

STid Mobile ID® is a secure & instinctive identification solution bringing the access badge onto Android™ and iOS® smartphones. Compliant with existing access control systems, the Architect® Blue touchscreen reader identifies Bluetooth® Smart enabled mobile phones thanks to many Prox or hands free identification modes. It can work alongside or replace RFID traditional access badges.

STid Mobile ID®   Compatible **SECARD** Security Management System   **EAL5+**

► Unique user experience

The Architect® Blue touchscreen reader offers 5 innovative identification modes for intuitive, smoothand easy management of your access:

Badge mode
by placing your smartphone in front of the reader

Slide mode*
by placing your hand close to the reader leaving your phone in your pocket / bag

Remote mode
by controlling your access points remotely

Hands-free mode
by passing in front of the reader without presenting the smartphone

Tap Tap mode
by tapping your smartphone twice in your pocket for near or remote opening

► 3 in 1 reader function

Both reader and keypad, it allows a dual-identification by combining card (virtual / RFID) and/or PIN code. Thanks to its various operating modes (card AND key or card OR key), you can use the keypad to identify people or to activate additional functions (activation of the intrusion alarm...). You can combine display of information (logo, instructions, images...) and keyboard by a simple touch of the screen.

► Scramble pad mode

The scramble pad mode enhances the security of your access control system and prevents stolen access codes because numbers are randomly scrambled on the display.

► Access to High Security with complete autonomy

The reader offers 2 data protection levels: secure EAL5+ storage and Bluetooth® communication. Our solution uses encryption and authentication methods with public algorithms (AES-128, SHA-256), which are compliant with recommendations from French official data bodies (ANSSI, RGS).The innovative and patented tamper protection system of the reader protects sensitive data and gives the possibility to delete the authentication keys in case of malicious act.

► Let your imagination flow

STid offers a wide range of customization options to tailor your reader to your corporate identity: configurable multicolored LEDs (360 colors), logo printing, casing color...

► Download the free Mobile Apps

android   iOS

ANDROID APP ON Google Play   **Download on the App Store**

STid Mobile ID®   STid Mobile ID®

STid Settings   STid Settings

STid Mobile ID® Access virtual card wallet | STid Settings Configuration card (SCB) wallet

*Card AND key mode only

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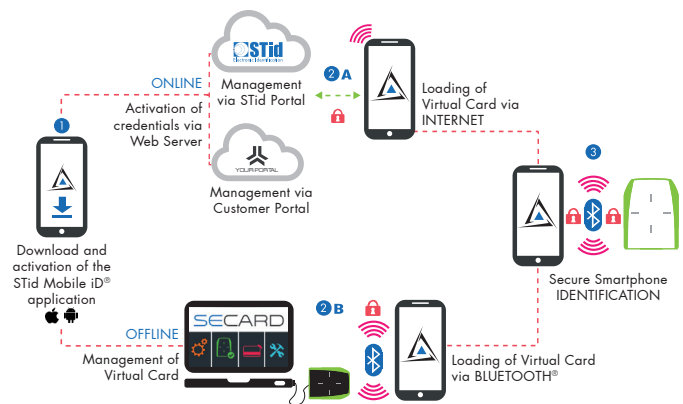Bluetooth® Smart, NFC HCE, MIFARE® Classic EV1, MIFARE Plus®, DESFire® EV2

STid
Electronic Identification

SPECIFICATIONS

Operating frequency/Standards	13.56 MHz. ISO14443 types A & B, ISO18092 (NFC), Bluetooth® Smart (Low Energy)
Chip compatibility	STid Mobile ID® + MIFARE Ultralight® & Ultralight® C, MIFARE® Classic & Classic EV1, MIFARE Plus®, MIFARE® DESFire® EV1, EV2 & 256, NFC (HCE), SMART MX, CPS3, iCLASS™ cards (CSN only*), PicoPass®
Functions	Read only: CSN or private ID (sector/file) / Secure Protocol (Secure Plus)
Reading distances**	Bluetooth® Smart - Up to 20 m / 787.4" (adjustable distance for each reader) RFID - Up to 6 cm / 2.36" with a MIFARE Classic card - Up to 4 cm / 1.57" with a MIFARE Plus® / DESFire® EV1 card
Touchscreen	Color touch screen - 2,8'' - 240 x 320 pixels - 12 backlit keys - Standard or Scramble pad mod Functions: Card AND Key / Card OR Key Configuration by RFID, Bluetooth® using the STid Settings App, UHF technology, software and external command (0V)
Communication interfaces	TTL - ISO2 protocol (Data Clock), Wiegand (ciphered mode S31) RS485 (ciphered mode S33)
Connections	10-pin plug-in connector (5 mm / 0.2") - 2-pin plug-in connector (5 mm / 0.2"): O/C contact - Tamper detection signal
Data protection	EAL5+ Secure data storage with certified crypto processor
Light indicator	2 RGB LEDs - 360 colors Configuration by RFID, Bluetooth® using the STid Settings App, UHF technology, software and external command (0V)
Audio indicator	Internal buzzer with adjustable intensity Configuration by RFID, Bluetooth® using the STid Settings App, UHF technology, software and external command (0V)
Power requirement	220 mA/12 VDC max
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)	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%
Tamper switch	Accelerometer-based tamper detection system with key deletion option (patented)
Protection	IP65 Level - Weather-resistant with waterproof electronics (CEI NF EN 61086 homologation)
Mounting	Compatible with any surfaces and metal walls without spacer - Wall mount/Flush mount: - European flush boxes 60 & 62 mm / 2.36" & 2.44" - US metallic & non-metallic flush boxes - 83.3 mm / 3.27" - Outside 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 number	Secure read only - TTL Wiegand / Data Clock .... ARCS-R31-C/BT1-xx/1 Secure read only / Secure Plus - TTL Wiegand / Data Clock .... ARCS-S31-C/BT1-xx/1 Secure read only - RS485 .... ARCS-R33-C/BT1-7AB/1 Secure read only / EasySecure decoder - RS485 .... ARCS-R33-C/BT1-7AA/1 Secure read only / Secure Plus - RS485 .... ARCS-S33-C/BT1-7AB/1 Secure read only / Secure Plus / EasySecure decoder - RS485 .... ARCS-S33-C/BT1-7AA/1

CE FC

*Our readers can only read the UID/Chip Serial Number. They cannot read secure HID Global's iCLASS™ cryptographic protections.   **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 iCLASS™ of the reader, power supply voltage and reading functions (secure reading).

Find out our Architect® Blue range

ARC1S/BT

ARCS-A/BT

ARCS-B/BT

WINNER 2017
SIA
NEW PRODUCT
SHOWCASE

TROPHÉE D'OR
2016

TROPHY
EXPOPROTECTION 2016

SECURITY
MEETINGS
AWARDS

Gold Innovation Trophy
EXPOPROTECTION

Discover our Online & Offline architectures

ONLINE
Management via STid Portal
Activation of credentials via Web Server
Management via Customer Portal
① Download and activation of the STid Mobile iD® application
② A Loading of Virtual Card via INTERNET
③ Secure Smartphone IDENTIFICATION

OFFLINE
SECARD
Management of Virtual Card
② B Loading of Virtual Card via BLUETOOTH®

Flyer_Architect_Blue_ARCS-C/BT_v1.00_US

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