ARCHITECT® BLUE

STid Electronic Identification

SECURE DESKTOP READER
SMARTPHONES & RFID CARD

COMPATIBILITY

- Bluetooth® & NFC smartphones
- STid Mobile ID®
- MIFARE® credentials
- SECard software
- SSCP protocol

SSCP

LET YOUR IMAGINATION FLOW

Customization of the multicolor LEDs (RGB, 360 colors)

PRINTING OF YOUR LOGO using digital UV or pad printing

YOUR LOGO

11 Awards

CERTIFICATIONS

CE FC

13.56 MHz	Bluetooth®	Read only	Read	Write	Resistant	IK10	EAL5+	USB

LOGICAL ACCESS READER

Compliant with all access control systems, the Architect® Blue desktop reader allows users to use their smartphones to access the workstation, network or cloud, in addition to or in replacement of the traditional card.

WELCOME TO HIGH SECURITY

The reader uses the latest MIFARE® DESFire® EV2 contactless chip technologies with new data security mechanisms:

- **Secure Messaging EV2:** secure transaction method based on AES-128 with protection against interleaving and replay attacks.

- **Proximity Check:** improved protection against relay attacks.

All public encryption algorithms can be used (3DES, AES, etc.), which are recommended by official data security agencies (such as the French national agency ANSSI). It uses an EAL5+ crypto processor to improve data protection and privacy.

MULTI-TECHNOLOGY IDENTIFICATION

The Architect® Blue reader simplifies the management of extensions, upgrades and technological migrations. It is interoperable with a broad range of technologies:

- NXP MIFARE® credentials (Classic & Classic EV1, Ultralight® & Ultralight® C, Plus® & Plus® EV1, DESFire® 256, EV1 & EV2),

- French ministerial cards (AGENT, CIMS, etc.) and civil aviation cards (STITCH),

- CPS3 health care cards (IAS protocol),

- Virtual cards stored on Bluetooth® and NFC smartphones.

NXP **MIFARE**

Bluetooth® **NFC**

INSTINCTIVE ACCESS CONTROL

Your smartphone becomes your access key by eliminating the constraints of traditional access control. Choose your favorite identification mode and make your access options both secure and much more instinctive!

Card Mode
Place your smartphone in front of the reader as a standard card.

Slide Mode
Your smartphone turns your hand into a badge you have with you at all times.

Remote Mode
Activate remote control mode to remotely check your access points.

Tap Tap Mode
Tap your smartphone twice in your pocket for close or remote access.

Hands-free Mode
Just walk past the reader! There's nothing else to it!

SPECIFICATIONS

Operating frequency/Standards	13.56 MHz: ISO14443A types A & B, ISO18092 Bluetooth®
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® (CSN only), iCLASS™ (CSN only)* STid Mobile ID® (virtual card), Orange Pack ID
Functions	Read only: CSN or private ID (sector/file)/ Secure Read Write
Interface & connection technology	USB 2.0 - Unidirectional or bidirectional communication (SSCP)
Reading distances**	Up to 8 cm / 3.15'' avec un badge MIFARE® DESFire® EV2 Up to 20 m / 65.6 ft with a Bluetooth® smartphone (adjustable distances on each reader)
Data protection	Yes - EAL5+ secure data storage with certified crypto processor
Integrated UHF chip	EPC 1 Gen 2 for contactless reader configuration (protocols, LEDs, buzzer...)
Light indicator	2 RGB LEDs - 360 colors Configuration by card, UHF technology or software according to the interface
Audio indicator	Internal buzzer with adjustable intensity Configuration by card, UHF technology or software according to the interface
Power supply	Power supply through the USB port - 1.5 m / 3.28 ft USB cable
Material	ABS-PC UL-V0 (black) / ASA-PC-UL-V0 UV (white)
Dimensions (h x w x d)	106,6 x 80 x 27,7 mm / 4.21" x 3.15" x 1.02" (general tolerance following ISO NFT 58-000 standard)
Operating temperatures	- 30°C to + 70°C / - 22°F to + 158°F / Humidity: 0 - 95%
Protection / Resistance	IP65 Level excluding connector - Weather-resistant with waterproof electronics (CEI NF EN 61086 homologation) Reinforced vandal-proof structure IK10 certified
Certifications	CE and FCC
Part numbers y: case color (1: black - 2: white)	Secure read only ....ARCS-R35-G/BT1-5AB/y Secure read write ARCS-W35-G/BT1-5AA/y

DISCOVER OUR COMPLETE RANGE OF COMPLIANT PRODUCTS

ISO cards & key holders
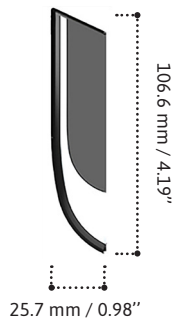13.56 MHz or dual-frequency

Bluetooth® & NFC smartphones
using STid Mobile ID® application

SECARD
SECard configuration kit

STid Mobile ID® Online Portal
Web platform for remote management
of your virtual cards
(users and configuration)

106.6 mm / 4.19"
80 mm / 3.15''
25.7 mm / 0.98''

*Our readers read only the iCLASS™ UID/Chip Serial Number. They do not read secure HID Global's iCLASS™ cryptographic protections.

**Caution: information about the distance of communication: measured from the center of the antenna, depending on antenna configuration, type of identifier, operating environment of the reader, temperatures, power supply voltage and reading functions (secure reading or not). External interferences can lead to shorter distances.

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