



# QxControl™ & STiD Architect®Blue

## SECURE DESKTOP READER SMARTPHONES & RFID CARD

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.



## HIGHLIGHTS

### Features

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

### 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.

### 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.



## 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
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
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
Materials	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: color casing (1: black - 2: white)

### READ ONLY

Secure - USB: **ARCS-R35-G/BT1-5AB/y**

### CONTROLLED BY PROTOCOL

Secure - USB: **ARCS-W35-G/BT1-5AA/y**

Secure SSCP® v2 - USB: **ARCS-W35-G/BT1-5AD/y**

\*\*Caution: information about the distance of communication: measured from the center of the antenna, depending on the type of credential, size of the credential, operating environment of the reader, temperatures, power supply voltage and reading functions (secure reading). External interference may reduce reading distances.

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