



## SECURE DESKTOP READER SMARTPHONES & RFID CARD



### COMPATIBILITY

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



### LET YOUR IMAGINATION FLOW

Customization  
of the multicolor LEDs  
(RGB, 360 colors)



PRINTING OF YOUR LOGO  
using digital UV  
or pad printing

### CERTIFICATIONS



### 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.



### 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.



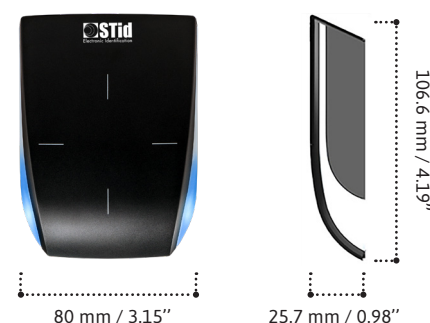
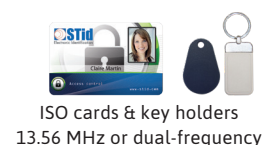
#### Hands-free Mode

Just walk past the reader! There's nothing else to it!

## SPECIFICATIONS

|                                   |                                                                                                                                                                                                                                                      |
|-----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Operating frequency/Standards     | 13.56 MHz: ISO14443A types A & B, ISO18092<br>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)*<br>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<br>Up to 20 m / 65.6 ft with a Bluetooth® smartphone (adjustable distances on each reader)                                                                                                     |
| Data protection                   | Yes - EALS+ 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<br>Configuration by card, UHF technology or software according to the interface                                                                                                                                              |
| Audio indicator                   | Internal buzzer with adjustable intensity<br>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)<br>Reinforced vandal-proof structure IK10 certified                                                                                    |
| Certifications                    | CE and FCC                                                                                                                                                                                                                                           |
| Part numbers                      | Secure read only .....ARCS-R35-G/BT1-5AB/y<br>Secure read write .....ARCS-W35-G/BT1-5AA/y                                                                                                                                                            |

## DISCOVER OUR COMPLETE RANGE OF COMPLIANT PRODUCTS



\*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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