ARCHITECT® ONE

MINI MULLION READER
SMARTPHONES & RFID CARD

OSDP™

SSCP

COMPATIBILITY

- MIFARE® credentials
- Bluetooth® & NFC smartphones
- SECard software
- OSDP™ / SSCP protocols

13.56 MHz	Bluetooth®	Read only	Read	Write
TTL RS485	EAL5+	IK10	Resistant

LET YOUR IMAGINATION FLOW

Customization of the multicolor LEDs (RGB, 360 colors)

PRINTING OF YOUR LOGO using digital UV or pad printing

YOUR LOGO

«Skin effect» new customization technology

CERTIFICATIONS

CE FC UL EU c UL US

Scale 1

8 Awards

MOBILE ACCESS MULLION READER

The Architect® One Blue is the most compact RFID cards and virtual Bluetooth® reader (Low Energy) or NFC smartphones - designed to be installed on a narrow profile with ease.

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, RSA, SHA, 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.

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.

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!

EASY TO INSTALL

The Architect® One Blue is a mullion RFID reader specially designed for installation in small spaces, for example on door frames or narrow flushbox mounting, etc.

Its small size and intelligent design make it easy to incorporate into any installation environment with no spacer required (included on metal). The plug-in/plug-out connector cable and the round mounting holes make the installation easier.

STANDING THE TEST OF TIME

The reader's IK10 certified vandal-proof structure has been optimized to resist knocks and malicious acts. It is designed to withstand harsh environments (IP65 level excluding connectivity): dust, heavy rain, frost, etc.

NXP MIFARE

Bluetooth® NFC

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® (S/X) & Plus® EV1, MIFARE® DESFire® 256, EV1 & EV2, CPS3, NFC (HCE), PicoPass® (CSN only), iCLASS™ (CSN only*) STid Mobile ID® (NFC & Bluetooth® virtual card), Orange Pack ID
Functions	Read only: CSN or private ID (sector/file) / Secure Protocol (Secure Plus) / Secure Read Write
Communication interfaces & protocols	TTL protocol Data Clock (ISO2) or Wiegand (ciphered mode S31) / RS485 (ciphered mode S33) with secure communication protocols SSCP & SSCP2 ; OSDP™ V1 (plain communication) & V2 (SCP secure communication)
Decoder compatibility	Compatible with EasySecure interface
Reading distances**	Up to 6 cm / 2.36" with a MIFARE® DESFire® EV2 or Classic card Up to 20 m / 65.6 ft with a Bluetooth® smartphone (adjustable distances on each reader)
Data protection	Yes - Software and physical protection to EAL5+ secure data storage with certified crypto processor
Light indicator	2 RGB LEDs - 360 colors Configuration by card (standard or virtual with STid Settings application), software or external command (0V) according to the interface
Audio indicator	Internal buzzer with adjustable intensity Configuration by card (standard or virtual with STid Settings application), software or external command (0V) according to the interface
Power requirement / Power supply	150 mA/12 VDC Max - 9 VDC to 15 VDC
Connections	2 versions: A - 3 m rugged cable outlet / B - 3 m plug-in/plug-out connector cable
Material	ABS-PC UL-V0 (black) / ASA-PC-UL-V0 UV (white)
Dimensions (h x w x d)	111,5 x 42,2 x 22 mm / 4.33" x 1.65" x 0.87" (general tolerance following ISO NFT 58-000 standard)
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 solution) and/or message to the controller
Protection / Resistance	IP65 Level excluding connector - Weather-resistant with waterproof electronics compliant with CEI NF EN 61086 standard Reinforced vandal-proof structure IK10 certified
Mounting	Wall mount, door frame mount or European mullion flush boxes mount (drilling 32 mm x2) Compatible with any surfaces and metal walls without spacer
Certifications	CE, FCC & UL
Part numbers X = connector version: A - cable, B - cable with connector y: case color (1: black - 2: white)	Secure read only - TTL Wiegand / Data Clock .... ARC1S-R31-X/BT1-xx/y Secure read only / Secure Plus - TTL Wiegand / Data Clock .... ARC1S-S31-X/BT1-xx/y Secure read only - RS485 .... ARC1S-R33-X/BT1-7AB/y Secure read only / EasySecure - RS485 .... ARC1S-R33-X/BT1-7AA/y Secure read only / Secure Plus - RS485 .... ARC1S-S33-X/BT1-7AB/y Secure read only / Secure Plus / EasySecure - RS485 .... ARC1S-S33-X/BT1-7AA/y Secure read/write SSCP - RS485 .... ARC1S-W33-X/BT1-7AA/y Secure read/write SSCP2 - RS485 .... ARC1S-W33-X/BT1-7AD/y Secure read/write OSDP™ - RS485 .... ARC1S-W33-X/BT1-7OS/y

DISCOVER OUR CREDENTIALS...

13.56 MHz or dual frenquency ISO cards & key holders

Bluetooth® & NFC smartphones using STid Mobile ID® application

...AND OUR ERGONOMIC MANAGEMENT TOOLS

SECARD

SECard configuration kit and SSCP, SSCP2 & OSDP™ protocols

STid Mobile ID®
Online Portal

Web platform for remote management of your virtual badges

Flyer_Architect_ARC1S-BT_V1.00_US

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