HIGH-SECURITY MULLION READER

RFID CARDS, NFC & BLUETOOTH®

BENEFITS

- RFID, Bluetooth® and NFC secure identification
- Discreet and elegant integration
- Easy installation on door frames and narrow electrical pots
- Retro compatible and interoperable

16 AWARDS

LIFETIME WARRANTY

OSDP™ Supported by **SIA**

SSCP® Supported by **SPAC**

13.56 MHz

BLUETOOTH®

TTL RS485

Water resistant EQ IP65

Vandal-proof IK10
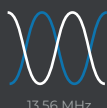
YOUR LOGO
- Add your logo
- 2 configurable multicolor LEDs
- Casing colors
- Skin effect customization

Compatible with all access control systems, Architect® One Blue is an extremely compact reader for RFID cards and Bluetooth® & NFC smartphones for mounting on narrow surfaces.

SLEEK DESIGN FOR EASY INSTALLATION

The mullion reader is designed to be installed in spaces requiring a small footprint: door frames, narrow electrical junction boxes, sliding doors, fast access control corridors, elevators.

Its optimized design ensures perfect integration, whatever the installation environment and without additional spacers (even on metal). The pluggable cable and the mounting base make it very easy to install.

WELCOME TO HIGH SECURITY

The reader allows the secure identification of users thanks to its multiple identification technologies.

Bluetooth® and NFC

The smartphone becomes your access key and erases all the constraints of traditional access control.

STid offers 5 identification modes - Prox, long distance or hands-free - to make your access control both secure and instinctive!

RFID MIFARE® DESFire® EV2 & EV3

The reader supports the latest contactless technologies with the newest data security devices:

- **Secure Messaging EV2:** transaction security that protects against interleaving and replay attacks.
- **Proximity Check:** protection against relay attacks.

It integrates recognized and approved security mechanisms such as public algorithms and an EAL5+ certified crypto processor to protect your data stored in the reader.

ULTIMATE SELF-PROTECTION

The patented motion sensor pull detection system protects sensitive data by allowing authentication keys to be erased.

Unlike existing solutions within this market, the reliability of the accelerometer avoids potential system bypass.

OPEN TECHNOLOGIES FOR EASY INTEGRATION

The reader is compatible with all access control systems and accepts multiple interfaces and protocols (Wiegand, Clock&Data, SSCP® and OSDP™).

OUR SECURITY OFFERINGS

- **Easyline**: readers and cards pre-configured and programmed, ready to use.
- **Expert line**: you program your readers and cards in perfect autonomy with the intuitive configuration tools.
- **Individual line**: we offer a wide range of Premium services to configure and customize your readers and credentials according to your needs.

Find out more ▶

DESIGNED & MADE IN FRANCE

SMARTER SECURITY ANSWERS

STid

SPECIFICATIONS

Operating frequency / Standards	13.56 MHz: ISO14443 types A & B, ISO18092 Bluetooth®
Chip Compatibilities	MIFARE® Ultralight® & Ultralight® C, MIFARE® Classic & Classic EV1, MIFARE® Plus® (S/X) & Plus® EV1, MIFARE® DESFire® 256, EV1, EV2 & EV3, CPS3, NFC (HCE), PicoPass® (CSN only), iCLASS™ (CSN only*) STid Mobile ID® (NFC and Bluetooth® virtual card), Orange Pack ID
Functions	Read only CSN, pre-configured (Easyline - PC2) and secure (file, sector) / Protocol-driven (read-write)
Communication interfaces & protocols	TTL Clock&Data (ISO2) or Wiegand output (encrypted communication option - S31) / RS485 output (encrypted option - S33) with SSCP® v1 & v2 secure communication protocols; OSDP™ v1 (plain) and v2 (SCP secure)
Decoder compatibility	Compatible with EasySecure interface (encrypted communication)
Reading distances**	Up to 6 cm / 2.36'' with a MIFARE® DESFire® EV2 card Up to 20 m / 65.6 ft with a Bluetooth® smartphone (adjustable distances on each reader)
Data protection	Yes - Software protection and EAL5+ crypto processor for secure data storage
Light indicator	2 RGB LEDs - 360 colors ▲ ▲ ▲ Configurable by card (classic or virtual with STid Settings application), software or controlled by external command (0V) depending on interface
Audio indicator	Integrated buzzer with adjustable intensity Configurable by card (classic or virtual with STid Settings application), software or controlled by external command (0V) depending on interface
Consumption / Power supply	150 mA/12 VDC Max - 9 VDC to 15 VDC
Connectors	Cable with plug connector 3 m / 9.8 ft
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 / 4.39'' x 1.66'' x 0.86'' (general tolerance according to standard ISO NFT 58-000)
Operating temperatures	- 30°C to + 70°C / - 22°F to + 158°F
Tamper switch	Accelerometer-based tamper detection system with key deletion option (patented solution) and/or message to the controller
Protection / Resistance	IP65 level - Tropicalized electronics according to standard CEI NF EN 61086 - Weather, water and dust resistant / Humidity: 0 - 95% / IK10 certified vandal-proof reinforced structure
Mounting	Wall-mounted, on door jambs and on narrow electrical pots (32 mm / 1.26'' x 2 holes) Mounting on any type of support including metal without spacer
Certifications CE FC UK CA EU c UL us	CE (Europe), FCC (USA), IC (Canada), UKCA (UK) and UL
Part numbers y: casing color (1: black - 2: white)	Pre-configured read-only Easyline - Wiegand ....ARC1S-R31-B/PC2-3x/1 Secure read-only - TTL.. ARC1S-R31-B/BT1-xx/y Secure read-only / Secure Plus - TTL .... ARC1S-S31-B/BT1-xx/y Secure read-only - RS485 .... ARC1S-R33-B/BT1-7AB/y Secure read-only / EasySecure interface - RS485 .... ARC1S-R33-B/BT1-7AA/y Secure read-only / Secure Plus - RS485 .... ARC1S-S33-B/BT1-7AB/y Secure read-only / Secure Plus / EasySecure interface - RS485 .... ARC1S-S33-B/BT1-7AA/y Controlled by SSCP® v1 protocol - RS485 .... ARC1S-W33-B/BT1-7AA/y Controlled by SSCP® v2 protocol - RS485... ARC1S-W33-B/BT1-7AD/y Controlled by OSDP™ v1 & v2 protocol - RS485.. ARC1S-W33-B/BT1-7OS/y

CREDENTIALS AND USER-FRIENDLY MANAGEMENT TOOLS

13.56 MHz or dual frenquency ISO cards & key holders

NFC and Bluetooth® Smartphones / connected watches with STid Mobile ID® application

SECard configuration kit and SSCP® v1 & v2 and OSDP™ v1 & v2 protocols

Web platform for remote management of your virtual cards

* Our readers only read the / UID PICO1444-3B serial number of the iCLASS™ chip. They do not read the cryptographic protections iCLASS™ nor the / UID PICO 15693 serial number of HID Global.
**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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