UPGRADABLE HIGH SECURITY READER

RFID MIFARE® DESFIRE® EV2 & EV3 CARDS, NFC & BLUETOOTH®

19 AWARDS

BENEFITS

- RFID, Bluetooth® and NFC secure identification
- Higher levels of security with open technologies
- Modular concept for maximum cost optimization
- Simplified installation with plug-in terminal block
- Interoperable and multi-protocol

OSDP™ Supported by SIA

SSCP® Supported by SPAC

13.56 MHz · BLUETOOTH® · TTL RS485 · EAL5+ · Water resistant EQ IP65 · Vandal-proof IK10 · YOUR LOGO

- Print your logo
- Casing color
- Skin effect customization

Compatible with all access control systems, Architect® Blue is an vandal-proof reader for RFID cards and Bluetooth® & NFC smartphones.

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 6 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.

CREATE YOUR OWN SCALABLE CONFIGURATION

The Architect® Blue reader can be tailored to your needs, ensuring that all functionalities and security levels can be upgraded across all your readers - by RFID credential, virtual card or protocol.

The scalability allows you to implement new functionality such as a touch screen/keypad, QR Code or biometric module.

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

SMART SECURITY ANSWERS

STid

SPECIFICATIONS

Operating frequency / Standards	13.56 MHz: ISO14443 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 & 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) / Controlled by protocol (read-write)
Communication interfaces & protocols	TTL Clock & Data (ISO2) or Wiegand output (encrypted communication option - S31) / RS485 outputs (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 8 cm / 3.15" 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 - EAL5+ secure data storage with certified crypto processor
Light indicator	2 RGB LEDs - 360 colors ▲ ▲ ▲ Configuration by standard or virtual card with STid Settings application, software or external command (0V) according to the interface
Audio indicator	Internal buzzer with adjustable intensity Configuration by standard or virtual card with STid Settings application, software or external command (0V) according to the interface
Relay	Automatic tamper direction management or SSCP® / OSDP™ command according to the interface
Power supply	150 mA / 12 VDC Max
Alimentación	7 VDC to 28 VDC
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
Material	ABS-PC UL-V0 (black) / ASA-PC-UL-V0 UV (white)
Dimensions (h x w x d)	106.64 x 80 x 25.70 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
Tamper switch	Accelerometer-based tamper detection system with key deletion option (patented solution) and/or message to the controller
Protection / Resistance	UL294 Outdoor and Indoor rated / 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	Compatible with any surfaces and metal walls - Wall mount/Flush mount: - European 60 & 62 mm / 2.36'' & 2.44'' - American (metal/plastic) - 83.3 mm / 3.27'' - Dimensions: 101.6 x 53.8 x 57.15 mm / 3.98'' x 2.09'' x 2.24'' - Examples: Hubbel-Raco 674, Carlon B120A-UP
Certifications	CE (Europe), FCC (USA), UL294 (USA), IC (Canada) and UL
Part numbers y: case color (1: black - 2 white)	Pre-configured read-only Easyline - Wiegand ..... ARCS-R31-A/PC2-3x/y Secure read-only - TTL ..... ARCS-R31-A/BT1-xx/y Secure read-only / Secure Plus - TTL ..... ARCS-S31-A/BT1-xx/y Secure read-only - RS485 ..... ARCS-R33-A/BT1-7AB/y Secure read-only / EasySecure interface - RS485 ..... ARCS-R33-A/BT1-7AA/y Secure read-only / Secure Plus - RS485 ..... ARCS-S33-A/BT1-7AB/y Secure read-only / Secure Plus / EasySecure interface - RS485 ..... ARCS-S33-A/BT1-7AA/y Controlled by SSCP® v1 protocol - RS485 ..... ARCS-W33-A/BT1-7AA/y Controlled by SSCP® v2 protocol - RS485 ..... ARCS-W33-A/BT1-7AD/y Controlled by OSDP™ v1 & v2 protocol - RS485 ..... ARCS-W33-A/BT1-7OS/y

DISCOVER OUR CREDENTIALS AND OUR ERGONOMIC MANAGEMENT TOOLS

13.56 MHz or dual frenquency ISO cards & key holders

Bluetooth® & NFC smartphones / smartwatches using STid Mobile ID® application

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

Web platform for remote management of your virtual cards

*Our readers only read the iCLASS™ chip serial number / UID PICO1444-3B. They do not read iCLASS™ cryptographic protection or the HID Global serial number / UID PICO 15693.
**Caution: information about the distance of communication: measured from the center of the antenna, depending on the type of identifier, size of the identifier, operating environment of the reader, temperatures, power supply voltage and reading functions (secure reading).

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