

KEYPAD & QR CODE READER

MULTI-TECHNOLOGY RFID, NFC, BLUETOOTH® AND MATRIX CODES

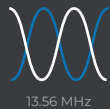


Available in standard or touchscreen versions



BENEFITS

- Integrated QR code & contactless solution
- Quick reading of QR Codes printed or on your smartphone
- Multi-factor identification with capacitive keypad
- Backward compatible and interoperable



13.56 MHz



BLUETOOTH®



QR Code



TTL
RS485



Water
resistant
EQ IP65



Vandal-proof
IK08



YOUR LOGO

- Add your Logo
- 2 configurable multicolor LEDs

The Architect® Blue RFID, NFC, and Bluetooth® multi-technology keypad reader is equipped with a QR Code module to enable the identification of employees and visitors.

Identification by QR Code simplifies the management of temporary access in offices, parking lots or any other infrastructure.

SIMPLE AND EASY TO USE

The access control reader by QR Code Architect® Blue streamlines visitor access with ease and ultimate dual speed reading.

It guarantees QR Code-reading day and night and in all weather conditions: very bright environments, reflections, indoor or outdoor...

The ergonomic design of the reader enables feedback to the user: double visual led indicator, audible indicator, etc.

MULTI-TECHNOLOGY READER

The reader facilitates the identification of users with different profiles (visitors, employees, tenants, drivers...) by its compatibility with multiple identification technologies.

QR Code

Multi-formats supported (1D & 2D codes): QR Code, Micro QR Code, Code 128, Aztec, and Data Matrix. The QR Code can be printed or simply displayed on your smartphone (e-mails, virtual cards, etc.).

Bluetooth® & NFC

The smartphone becomes your access key and removes all the limitations of traditional access control cards. STid offers 6 modes of Prox, long distance or hands-free identification to make your access control both secure and instinctive!

RFID MIFARE® DESFire® EV2 & EV3

The reader supports the latest MIFARE® DESFire® EV2 & EV3 contactless technologies with new data security features: Secure Messaging EV2 and Proximity Check.

It supports the use of public security algorithms recognized by specialized and independent organizations in information security (ANSSI and FIPS).

VANDAL-PROOF CAPACITIVE KEYPAD

Equipped with a backlit keypad, the reader allows multi-factor identification of users by combining the reading of an RFID or virtual card with the input of a personal keypad code.

Thanks to its different operating modes, the keypad can be used for identification or to activate additional functions (alarm...).

The same reader can also operate in multiple mode. It authorizes, for example, the reading of cards for personnel or the entry of codes for visitors or temporary workers.

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™).

The QR Code module can be installed on all existing compatible Architect® Blue readers.

SPECIFICATIONS

Operating frequency/Standards	13.56 MHz: ISO14443 types A & B, ISO18092 Bluetooth®
Technology compatibilities	MIFARE® Ultralight® & Ultralight® C, Classic & Classic EV1, Plus® (S/X) & Plus® EV1, DESFire® 256, EV1, EV2 & EV3, PicoPass® (CSN only), iCLASS™ (CSN only*) STid Mobile ID® (NFC HCE and Bluetooth® virtual card), Orange Pack ID
Functions	CSN read-only, secure (file, sector) and secure protocol (Secure Plus) / Secure read-write
Communication interfaces & protocols	TTL Data Clock (ISO2) or Wiegand output (encrypted option - S31) / RS485 output (encrypted option - S33) with secure SSCP® v1 and v2 communication protocols, OSDP™ v1 (plain communication) and v2 (SCP secure communication) - Compatible with EasySecure interface
Matrix code reader	1D & 2D codes: QR Code versions 1, 2 and 3; Micro QR Code; code 128; Aztec and Data Matrix Different formats: hexadecimal; decimal; ASCII; raw (in OSDP™) Detection under ambient lighting from 0 to 100,000 LUX / 3 available modes: ECO; normal day and night; intense brightness Adjustable light beam / target brightness and detection sensitivity
Keypad	Sensitive / capacitive keypad - 12 backlit keys / Modes: Card AND Key / Card OR Key Configurable by card (classic or virtual with STid Settings application), UHF technology or software depending on interface
Reading distances**	3 cm / 1.18" minimum with a QR Code (depending on the size of the code) 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)
Light indicator	2 RGB LEDs - 360 colors ▲ ▲ ▲ Configuration by card (standard or virtual), software, external command (0V) or UHF technology according to the interface
Audio indicator	Internal buzzer with adjustable intensity Configuration by card (standard or virtual), software, external command (0V) or UHF technology according to the interface
Relay	Automatic tamper direction management or SSCP® / OSDP™ command according to the interface
Power requirement	300 mA / 12 VDC Max
Power supply	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)
Dimensions (h x w x d)	156.5 x 80 x 36 mm / 6.3" x 3.15" x 1.02" (general tolerance following ISO NFT 58-000 standard)
Operating temperatures	- 30°C to + 60°C / - 22°F to + 140°F
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 (CEI NF EN 61086 homologation) / Humidity: 5 - 90% / Reinforced IK08 certified vandal-proof 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), IC (Canada) and UL
Part numbers	Read only secure - TTL.....ARCS-R31-BQ/BT1-xx/1 Read only secure / Secure Plus - TTL.....ARCS-S31-BQ/BT1-xx/1 Read only secure - RS485.....ARCS-R33-BQ/BT1-7AB/1 Read only secure / EasySecure interface - RS485.....ARCS-R33-BQ/BT1-7AA/1 Read only secure / Secure Plus - RS485.....ARCS-S33-BQ/BT1-7AB/1 Read only secure / Secure Plus / EasySecure interface - RS485.....ARCS-S33-BQ/BT1-7AA/1 Read/write secure SSCP® v1 - RS485.....ARCS-W33-BQ/BT1-7AA/1 Read/write secure SSCP® v2 - RS485.....ARCS-W33-BQ/BT1-7AD/1 Read/write secure OSDP™ v1 & v2 - RS485.....ARCS-W33-BQ/BT1-7OS/1

DISCOVER OUR CREDENTIALS AND ERGONOMIC MANAGEMENT TOOLS



13.56 MHz or dual frequency
ISO cards & key holders



QR Codes, Bluetooth® & NFC smartphones
using STid Mobile ID® application



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



STid Mobile ID®
Online Portal
Web platform for remote management
of your virtual cards

*Our readers only read the iCLASS™ chip serial number / UID PIC01444-3B. They do not read iCLASS™ cryptographic protection or the HID Global serial number / UID PIC01444-3B.

**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.

Legal: STid, STid Mobile ID® and Architect® are registered trademarks of STid SAS. All trademarks mentioned in this document belong to their respective owners. All rights reserved - This document is the property of STid. STid reserves the right to make changes to this document and to cease marketing its products and services at any time and without notice. Photos are not contractually binding.

Headquarters / EMEA

13850 Créasque, France
Tel.: +33 (0)4 42 12 60 60

PARIS-IDF Office

92290 Châtenay-Malabry, France
Tel.: +33 (0)1 43 50 11 43

STid UK Ltd.

Callows Hill, Warwick CV34 6UW, UK
Tel.: +44 (0) 192 621 7884

NORTH AMERICA Office

Irving, Texas 75063-2670, USA
Tel.: +1 469 524 3442

LATINO AMERICA Office

San Rafael 06470 CDMX, México
Tel.: +521 (55) 5256 4706