⌂STid
Electronic Identification

⛛RCHITECT®

HIGH SECURITY READER
ARC-P - LEGIC® CARD READER + KEYPAD + BIOMETRICS

⊞·LEGIC®
innovation in ID technology

COMPATIBILITY
• LEGIC® Advant & Prime

LET YOUR IMAGINATION FLOW

PRINTING OF YOUR LOGO
using digital UV
or pad printing

YOUR LOGO

Customization
of the multicolor LEDs
(RGB, 360 colors)

Casing color choice

STANDARDS

CE

13,56 MHz	Read only	Read|Write	TTL	RS232	RS485	IP65

UPGRADABLE AND MODULAR ACCESS READER
By developing the Architect® innovative readers, STid has created the perfect blend of high security and scalability. The ARC-P is a secure reader combining LEGIC® technologies with capacitive keypad and biometrics fingerprint sensor.

MULTIFUNCTION READER

The ARC-P Architect® reader combines the latest LEGIC® technologies with capacitive keypad and fingerprint recognition to enhance the security of your access control system. Thanks to its various operating modes (card OR key or card THEN key), you can use the keypad to identify people or to activate additional functions (activation of the intrusion alarm...).

SECURE IDENTIFICATION & AUTHENTICATION

The ARC-P authenticates the card holder by matching his fingerprint with the data stored in the card. It implements the best data security mechanisms and public encryption algorithms (TDES, AES, RSA, SHA...), as recommended and recognized by official IT security organization. The innovative tamper protection system protects sensitive data and gives the possibility to delete the authentication keys (patent pending). Unlike the current solutions on the market, the reliability of the accelerometer-based technology avoids it being outsmarted.

RESISTANCE AND RELIABILITY

The ARC-P can be used indoors and outdoors (IP65 excluding connectors). Thanks to the capacitive technology, the keypad is sealed andprotected from the accumulation of dirt. It also prevents the premature mechanical wear of keys, common on conventional keypads available on the market.

FINGERPRINT STORED IN THE CARD

The biometric reader will read fingerprint templates directly stored in the RFID card for a 1:1 verification. You may save and verify one or up to five fingers per user depending on your security needs.
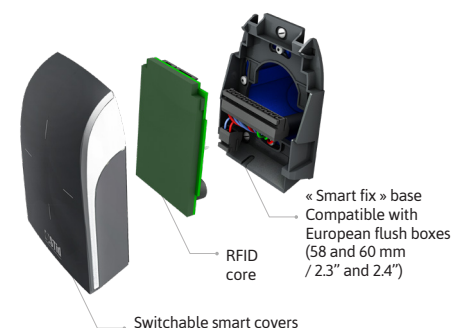
DESIGN AND CUSTOMIZATION

STid offers a range of customization options to tailor your reader to your corporate image and integrate it fully in its installation environment.

SPECIFICATIONS

Operating frequency/Standards	13.56 MHz. ISO14443A, ISO15693
Chip compatibility	LEGIC® Advant & Prime
Functions	Read only: private ID (sector/file) Read-Write (SSCP)
Digital fingerprint sensor	Optical (SAGEM MorphoSmart™) - ≤ 1 second for a 1:1 authentication
Keypad	Sensitive/capacitive keypad - 12 backlit keys Functions: Card OR Key / Card THEN Key Activated/deactivated by software in R3x & W3x
Reading distances*	Up to 6 cm with a LEGIC® Prime card Up to 4 cm with a LEGIC® Advant card
Communication interfaces	- TTL/RS232: Data Clock (ISO2), Wiegand or RS232 - TTL/RS485: Data Clock (ISO2), Wiegand or RS485
Connections	10-pin plug-in connector (5 mm) 2-pin plug-in connector (5 mm): O/C contact - Tamper detection signal
Light indicator	2 RGB LEDs - 360 colors Software-configuration in R3x & W3x
Audio indicator	Internal buzzer Software-configuration in R3x & W3x
Power requirement/"Eco" function	Typical 130 mA /12VDC - 25% reduction in Energy-saving function
Power supply	7 VDC to 28 VDC
Material	ABS-PC-UL-V0 (black) / ASA-PC-UL-V0 UV (white)
Operating temperatures/Protection	- 10°C to + 50°C (14°F to 122°F)/ Humidity: 0 - 95% / IP65 excluding connectors
Dimensions (h x w x d)	156 x 80 x 26/60 mm / 61.41"x 31.49" x 10.23" / 23.62''
Tamper switch	Accelerometer-based tamper detection system with key deletion option (patent pending)
Mounting	Wall mount/Flush mount (European flush boxes 58 & 60 mm) Compatible with any surfaces and metal walls without spacer
Certifications	CE
Part number y : casing color (1 : Black - 2 : White)	Secure read only - TTL...ARC-R31-P/LE2-xx/y Secure read only - RS232...ARC-R32-P/LE2-5AB/y Secure read only - RS485...ARC-R33-P/LE2-7AB/y Secure read/write - RS232..ARC-W32-P/LE2-5AA/y Secure read/write - RS485..ARC-W33-P/LE2-7AA/y

DISCOVER OUR ARCHITECT® EVOLUTIVE RANGE

ARC-A   ARC-B   ARC-C   ARC-D   ARC-E   ARC-F   ARC-I   ARC-J

« Smart fix » base
Compatible with
European flush boxes
(58 and 60 mm
/ 2.3" and 2.4")

RFID
core

Switchable smart covers

Flyer_Architect_ARC-E_V2.00_US

*Caution: information about the distance of communication: mea sured from the center of the antenna, depending on the type of identifier, size of the identifier, operating environment of the reader, power supply voltage and reading functions (secure reading).