13.56 MHz

Read only version

Read Write version

# HIGH SECURITY READER

## ARC-P - LEGIC® CARD READER + KEYPAD + BIOMETRICS

LEGIC® Advant & Prime

GOLD TROPHY
Expoprotection 2014

LEGIC
innovation in ID technology


## 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.

CASING COLOR CHOICE


CUSTOMIZABLE
MULTI-COLORED LEDs
(RGB, 360 colors)

LOGO PRINTING
Tampography
Ink-jet printing HQ

# ARC-P - HIGH SECURITY BIOMETRICS

LEGIC® Advant & Prime

## Specifications

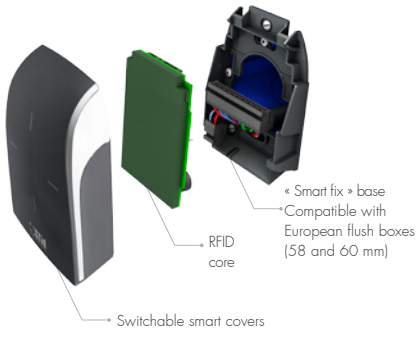
| | |
|---|---|
| Operating frequency/Standards | 13.56 MHz. ISO14443A, ISO15693 |
| Chip compatibility | LEGIC® Advant & Prime |
| Functions | Read only: private ID (sector/file)<br>Read-Write (SSCP) |
| Digital fingerprint sensor | Optical (SAGEM MorphoSmart™) - ≤ 1 second for a 1:1 authentication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

*Caution: information about the distance of communication: measured from the centre 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).

Architect® upgradable series

SEGIC BIO

Fully compatible with the SEGIC BIO configuration kit and the SSCP protocol.

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