



ARCHITECT®

→ Read only version

↔ Read Write version



HIGH SECURITY READER

ARC-N - SMART LEGIC® CARD READER + TOUCH SCREEN

LEGIC® Advant & Prime / CSN of chips: MIFARE® Classic EV1, MIFARE Plus®, DESFire® EV1 & EV2, iCLASS®

UPGRADABLE AND MODULAR ACCESS READER



By developing the Architect® innovative readers, STid has created the perfect blend of high security and scalability. The ARC-N is a secure reader combining LEGIC® technologies with a color touch screen to display a keypad or additional information.

► 3 in 1 reader function

Both reader and keypad, the ARC-N allows a dual-identification by combining card and/or PIN code. 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...). If the keyboard is not activated, the touch screen can display information (logo, instructions, images...).

► Scramble pad mode

The scramble pad mode enhances the security of your access control system and prevents stolen access codes because numbers are randomly scrambled on the display.

► High Security identification

The ARC-N reader uses the latest LEGIC® contactless chip technologies with new data security mechanisms. It implements 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.

► 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)



YOUR LOGO, CUSTOMIZED IMAGE AND TEXT DISPLAY



ARC-N - HIGH SECURITY READER

LEGIC® Advant & Prime / CSN of MIFARE® & iCLASS® chips

Specifications

| | | |
|--|--|--|
| Operating frequency/Standards | 13.56 MHz. ISO14443A, ISO15693 | |
| Chip compatibility | LEGIC® Advant & Prime / CSN of chips : MIFARE Ultralight®, MIFARE Ultralight® C, MIFARE® Classic & Classic EV1, MIFARE Plus®, MIFARE® DESFire® EV1 & EV2, iCLASS®, PicoPass®, ISO15693-3 | |
| Functions | Read only: CSN or private ID (sector/file) Read-Write (SSCP) | |
| Reading distances* | Up to 6 cm with a LEGIC® Prime card Up to 4 cm with a LEGIC® Advant card | |
| Touch Screen | Color touch screen - 2,8" - 240 x 320 pixels 12 keys - Standard or Scramble pad mode Functions: Card OR Key / Card THEN Key Activated/deactivated by software in R3x & W3x | |
| Communication interfaces | 2 possibilities: - 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 LEDs RGB - 360 colors Software-configuration in R3x and W3x | |
| Audio indicator | Internal buzzer Software-configuration in R3x and 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) | 128 x 80 x 31 mm | |
| Operating temperatures | - 20°C to + 70°C / Humidity: 0 - 95% | |
| Tamper switch | Accelerometer-based tamper detection system with key deletion option (patent pending) | |
| Protection/Resistance | IP65 excluding connectors | |
| Mounting | Wall mount/Flush mount (European flush boxes 58 & 60 mm) Compatible with any surfaces and metal walls without spacer | |
| Certifications | CE | |
| Part number | Secure read only - TTL: Secure read only - RS232: Secure read only - RS485: Secure read/write - RS232: Secure read/write - RS485: | ARC-R31-N/LE2-xx/y ARC-R32-N/LE2-5AB/y ARC-R33-N/LE2-7AB/y ARC-W32-N/LE2-5AA/y ARC-W33-N/LE2-7AA/y |
| y: casing color (1: black - 2 : white) | | |

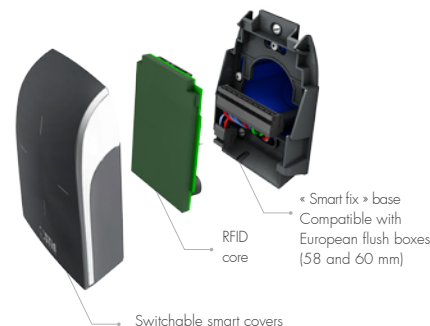
*Caution: information about the distance of communication: measured from the centre of the antenna, depending on the type of identifier, size of the identifier, operating environment of the reader, power supply voltage and reading functions (secure reading).

Architect® upgradable series



SEGIC

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



Legal statements: STid and Architect® are trademarks of STid SA. MIFARE® is a NXP trademark. All other trademarks are property of their respective owners. This document is the exclusive property of STid. STid reserves the right to stop any product or service for any reason and without any liability. Noncontractual photographs.

Headquarters

20 Parc d'activités des Pradeaux
13850 Gréasque, France
+33 (0)4 42 12 60 60
+33 (0)4 42 12 60 61
info@stid.com

Paris IDF Agency

Immeuble Le Trisalys
416 avenue de la division Leclerc
92290 Chatenay Malabry, France
+33 (0)1 43 50 11 43
+33 (0)1 43 50 27 37
info@stid.com

STid UK

Innovation centre
Gallows Hill, Warwick
CV34 6UW, United Kingdom
+44 (0) 1926 217 884
+44 (0) 1926 217 701
info@stid.com

STid America

Varsovia 57, Interior 501, Colonia Juárez
CP 06600, Delegación Cuauhtémoc
México D.F.
+52 (55) 52 56 47 06
+52 (55) 52 56 47 07
info@stid-america.com