UPGRADABLE HIGH-SECURITY READER

RFID LEGIC® ADVANT & PRIME CARDS

11 Awards

LIFETIME WARRANTY

BENEFITS

- RFID 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

SSCP® Supported by SPAC

13.56 MHz

TTL
RS485
RS232

Water resistant IP65

Vandal-proof IK10

YOUR LOGO

- Print your logo
- Casing color
- Skin effect customization

Vandal-proof and extremely scalable, the Architect® LEGIC® card reader is specially designed for all your high-security access control applications.

WELCOME TO HIGH SECURITY

The reader Architect® uses the latest LEGIC® Advant contactless chip technologies with new data security mechanisms.

All public encryption algorithms can be used (AES, RSA, SHA, etc.), which are recommended by official data security agencies.

LEGIC® innovation in ID technology

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® reader can be tailored to your needs, ensuring that all functionalities and security levels can be upgraded across all your readers.

The scalability allows you to implement new functionality such as a touch screen/keypad 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® v1).

STANDING THE TEST OF TIME

Architect® design reader makes it very robust in harsh environments (IP65) with high levels of resistance to vandalism (certified IK10).

Discover the Architect® LEGIC® range

DESIGNED & MADE IN FRANCE

WE'VE GOT YOUR BACK

STid

SPECIFICATIONS

Operating frequency / Standards	13.56 MHz / ISO14443A, ISO15693, LEGIC® RF Standard
Chip compatibility	LEGIC® Advant & Prime / CSN MIFARE® Ultralight® & Ultralight® C, Classic & Classic EV1, Plus® & Plus® EV1, DESFire® 256, EV1, EV2 & EV3, iCLASS™*, PicoPass®, Inside®
Functions	CSN or secure (file, sector) read only / Controlled by protocol (read-write)
Communication interfaces & protocols	TTL Clock&Data (ISO2) or Wiegand output RS232 & RS485 outputs with SSCP® v1 secure communication protocols
Reading distances**	Up to 6 cm / 2.4" with a LEGIC® Advant card Up to 8 cm / 3.15" with a LEGIC® Prime card
Light indicators	2 RGB LEDs - 360 colors ▲ ▲ ▲ Configuration by RFID card, software or external command (0V) according to the interface
Audio indicator	Internal buzzer Configuration by RFID card, software or external command (0V) according to the interface
Power requirement	130 mA / 12 VDC max
Power supply	7 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)	106.6 x 80 x 25.7 mm / 4.21" x 3.15" x 1.02" (general tolerance following ISO NFT 58-000 standard)
Operating temperatures	- 20°C to + 70°C / - 4°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	IP65 - Weather-resistant with waterproof electronics compliant with CEI NF EN 61086 standard Humidity: 0 - 95% IK10 certified reinforced 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 Exemples : Hubbel-Raco 674, Carlon B120A-UP
Certifications CE	CE
Part numbers y: case color (1: black - 2 white)	Secure read-only - TTL ..... ARC-R31-L/LE2-xx/y Secure read-only - RS232 ..... ARC-R32-L/LE2-5AB/y Secure read-only - RS485 ..... ARC-R33-L/LE2-7AB/y Controlled by SSCP® v1 protocol – RS232 ..... ARC-W33-L/LE2-5AA/y Controlled by SSCP® v1 protocol - RS485 ..... ARC-W33-L/LE2-7AA/y

DISCOVER THE NEW ARCHITECT® RANGE AND OUR ERGONOMIC MANAGEMENT TOOLS

ARC-L ARC-M ARC-N ARC-O ARC-P ARC-Q

Decorative plate / Shield / Spacers / Converter cables / Bio module...

SEGIC configuration kit and SSCP® v1 protocol

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