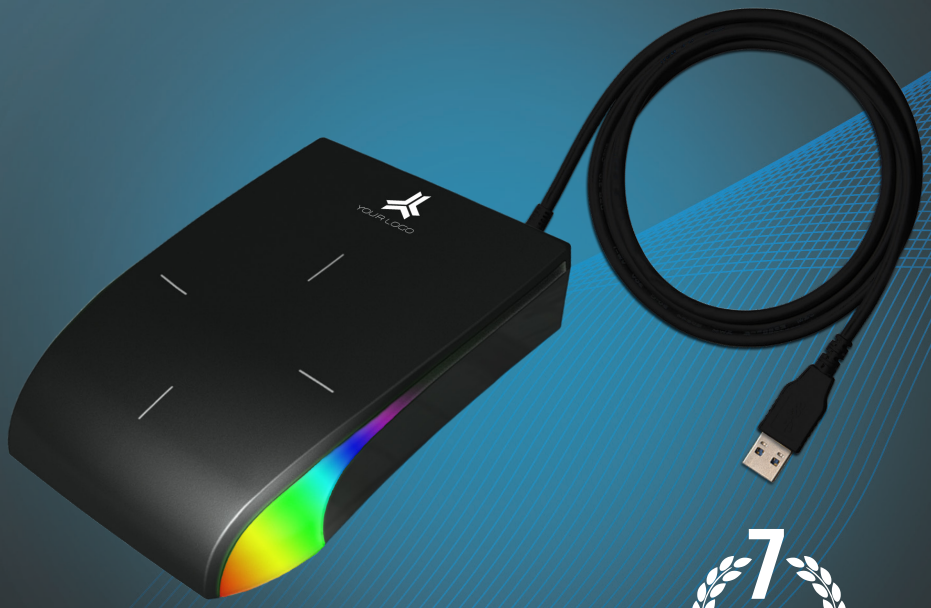
STid
Electronic Identification

ARCHITECT®

HIGH SECURITY READER
ARC-G - RFID DESKTOP READER/ENCODER



COMPATIBILITY

- MIFARE Ultralight®
- Ultralight® C
- MIFARE® Classic
- Classic EV1
- MIFARE Plus®
- DESFire® EV1/EV2
- NFC
- CPS3
- Moneo

LET YOUR IMAGINATION FLOW

PRINTING OF YOUR LOGO
using digital UV
or pad printing

Customization
of the multicolor LEDs
(RGB, 360 colors)

7 Awards

« Skin effect » new customization technology

13,56 MHz | Read Only | Read | Write | USB | RS232 | RS485 | IK10

STANDARDS

HIGH SECURITY DESKTOP APPLICATIONS

The Architect® ARC-G is a MIFARE Plus®/ DESFire® EV1 desktop reader/encoder. It is well suited for all your high security desktop and identification applications. By implementing the best STid security levels, this reader ensures confidentiality and integrity of all the communications.

HIGH SECURITY IDENTIFICATION

The ARC-G reader uses the latest MIFARE® contactless chip technologies with new data security mechanisms. It implements public encryption algorithms (TDES, AES, RSA, HMACSHA- 256...), as recommended and recognized by official IT security organization.

MULTI-TECHNOLOGY READER

The ARC-G readers/encoders are compliant with ISO14443 types A & B and ISO18092 standards. They support simultaneously the NXP MIFARE® chips: MIFARE Ultralight® & Ultralight® C, Classic & Classic EV1 (1kb, 4kb), MIFARE Plus® (S/X, 2kb /4kb), DESFire® EV1 & EV2 - As well as special products like CPS3 cards (national healthcare professional ID card - IAS/ECC protocol), NFC, Moneo, iCLASS® and PicoPass® cards. With this multiple standard reading capacity, the reader is ready to answer easily cases of building extension, security evolution or migration.

CARD CONFIGURATION FEATURE (READ ONLY VERSION)

Secure read only ARC-G reader is completely user programmable with configuration cards. These cards, created with SECard software, are made to set up card reading security parameters (keys) and all the functional parameters (protocol, LEDs, buzzer, etc.).

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. ISO14443 types A & B, ISO18092 (NFC)
Chip compatibility	MIFARE Ultralight®, MIFARE Ultralight® C, MIFARE® Classic & Classic EV1, MIFARE Plus®, MIFARE® DESFire®, MIFARE® DESFire® EV1 & EV2, NFC, SMART MX, CPS3, Moneo, iCLASS®, PicoPass®
Functions	Read only: private ID (sector/file) or Secure Protocol (Secure Plus) Read-Write (SSCP)
Reading distances*	Up to 8 cm (3.14") with a MIFARE® Classic card Up to 6 cm (2.36") with a MIFARE Plus® /DESFire® EV1 card
Communication interfaces	USB (optional ciphered - S35) Unidirectional or bidirectional (SSCP)
Light indicator	2 LEDs RGB - 360 colors Configuration by card, UHF technology, software and external command (0V) in R35/S35 By software in W35
Audio indicator	Internal buzzer Configuration by card, UHF technology, software and external command (0V) in R35/S35 By software in W35 2-pin plug-in connector (5 mm / 1.96"): O/C contact - Tamper detection signal
Material	ABS-PC UL-V0 (black) / ASA-PC-UL-V0 UV (white)
Dimensions (h x w x d)	107 x 80 x 26 mm / 4.21"x 3.14' x 1.01"
Operating temperatures	- 20°C to + 70°C (-4°F to 158°F) / Humidity: 0 - 95%
Protection / Resistance	Waterproof excluding connectors/Reinforced vandal proof structure IK10
Certifications	CE-FCC and UE
Part number y : casing color (1 : Black - 2 : White)	Secure read only - USB.....ARC-R35-G/PH5-5AB/y Secure read only / Secure Plus- USB.....ARC-S35-G/PH5-5AB/y Secure read/write - USB.....ARC-W35-G/PH5-5AA/y

DISCOVER OUR COMPATIBLE PRODUCTS

ISO Cards
MIFARE® hybrids cards

BSI / BMS
Wristbands

NFC
Smartphone

SECARD

Fully compatible with the SECard configuration
kit and the SSCP protocol

SWEDGE

Enrollment kit to import cards numbers directly to any applications (keyboard/wedge)

*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).

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