



## High security programming kits SECARD & SECARD BIO

Configuration cards for readers and user cards



### The essential tool for full control of your security

Complete and independent management of your access control parameters is a key issue for your safety. STid guarantees you full control over your security with the SECard and SECard Bio programming kits.

Thanks to their new user-friendly interface, the SECard kits are ideal for easily programming your high security readers and user cards: MIFARE Ultralight® C, MIFARE® Classic & Classic EV1, MIFARE Plus®, DESFire®, DESFire® EV1 & EV2, Moneo, CPS3 (IAS protocol) and NFC.

#### ► Complete and independent management of your access control

SECard has been developed to provide you with the highest security levels in managing your system freely and independently. You remain in total control of your security - only you have the keys!

#### → Create reader configuration cards

##### Read-only readers: SCB

The kit can be used to create Secure Configuration Badges (SCB) for your readers. They enable you to store and upload the reader settings (communication interfaces/protocols, data format, physical protections, LEDs, buzzer, keypad, biometrics...) and security keys.

#### → Create secure key cards

##### Read/write readers: SKB

The Secure Key Bundle (SKB) can be used to generate a table of keys to be loaded into programming/encoding devices. The encoder can then be used by a system or software, which will not need to know your keys to communicate with the cards.

#### → Create user cards

SECard can also be used to create user cards. This function is password-protected and several levels of access rights are provided in the software. SECard is flexible, with the option to import existing lists and generate multiple programming formats.

#### ► Achieve the highest level of security

All communications between the encoder and the system can be secured using data encryption and authentication mechanisms, to prevent any fraudulent use or hijacking of your data. Data communicated with the PC are kept confidential by the Architect® desktop reader/encoder (ARC-G), using the SSCP secure communication protocol. This protocol encrypts the data (AES) and allows mutual authentication prior to any communication.

#### ► "Privacy friendly" Mode

SECard is compliant with the security of personal data (CNIL). It ensures the users' privacy and personal data thanks to a special management of unique identification numbers (ISO14443-3B cards). Both, cryptographic hash function and secret key allow you to change the signature according to your applications (private or public contactless applications) in order to respect the anonymity of the user.

#### ► Biometric identification: RFID + Biometrics functions (SECard-Bio only)

With SECard, a user's fingerprints can be stored in the card. Cards can then be used with the Architect® biometric reader (ARC-D, ARC-E, ARC-F), combining secure data reading with fingerprint identification, in accordance with data protection legislation that requires data to be kept on an individual storage device to ensure control over personal data.



# SECARD & SECARD BIO programming kits

The essential tool for full control of your security



## SECard software

System requirements	Microsoft® Windows® XP SP3, Windows Vista®, Windows 7 or Windows 8
	50 Mo
	USB port
ARC-G Reader driver	USB FTDI Microsoft® Windows XP, Vista®, Windows 7 & Windows 8

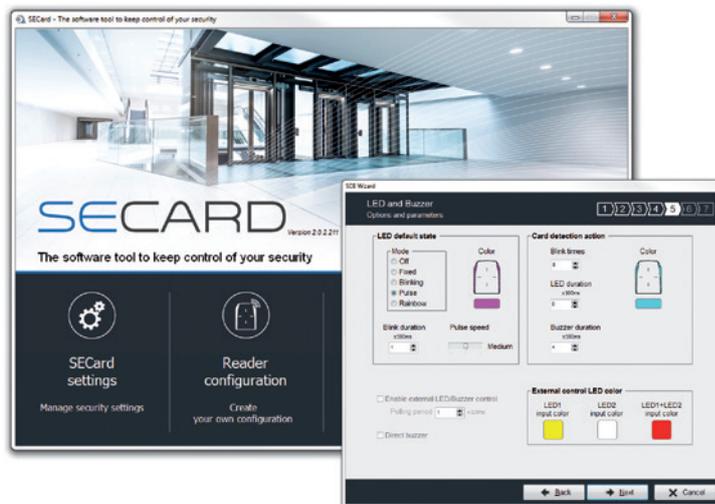
## Architect® reader/encoder (ARC-G)

Operating frequency/standards	13.56 MHz. ISO14443 type A & B, ISO18092
Chip compatibility	MIFARE Ultralight® & Ultralight® C, MIFARE® Classic & Classic EV1, MIFARE Plus®, DESFire® EV1 & EV2, NFC, SMART MX, CPS3, Moneo, iCLASS® & PicoPass®
Functions	Read and write
Reading distance*	Up to 8 cm
Communication interfaces	USB (SSCP protocol: STid Secure Common Protocol)
Power supply	USB interface
Material	ABS-PC-UL-V0
Dimensions	107 x 80 x 26 mm
Operating temperatures	- 20°C to + 70°C

## Fingerprint reader (SECard-Bio only)

Reader type	SAGEM MorphoSmart® MSO 1300
Large capture area	14 x 22 mm
Interface de communication	USB
Part number	<b>KITSECARD</b> Standard programming kit  <b>KITSECARD-Bio</b> Standard programming kit with fingerprint reader

\*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).



### ► User-friendly interface and handy wizard

The software takes you through the configuration process step-by-step for easy management of your reader settings and security keys.

### ► Wide range of readers compliant with SECard

STid has developed a wide range of read-only readers that can be set up with SECard programming software.



Range LX    Architect® Series    ARC-G    OEM modules    ATX    WAL

## Read only readers (SCB)

R31-x/103	TTL	Operating settings: protocol and visualisation (LEDs, buzzer etc.)
R31-x/PH5 RX1-x/BF5/BF6 S31-x/PH5 SX1-x/BF5/BF6	TTL HYBRID TTL Secure TTL HYBRID Secure TTL	
R32-x/PH5 RX2-x/BF5/BF6 S32-x/PH5 SX2-x/BF5/BF6	RS232 HYBRID RS232 Secure RS232 HYBRID Secure RS232	Operating + security settings (keys)
R33-x/PH5 RX3-x/BF5/BF6 S33-x/PH5 SX3-x/BF5/BF6	RS485 HYBRID RS485 Secure RS485 HYBRID Secure RS485	

## Read/Write readers (SKB)

W31-x/PH5 W32-x/PH5 W33-x/PH5 W35-x/PH5	RS232 TTL RS232 RS485 USB	Generation of the Secure Key Bundle card (SKB)
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x: reader version

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