ARCHITECT®

1ST SCALABLE
OSDP™ ACCESS CONTROL READERS

STANDARDIZED & SECURE COMMUNICATIONS

Open Supervised Device Protocol (OSDP™) is enabling better integration of security systems to support advanced applications and data encryption. This interoperable protocol could one day supplant the Wiegand standard for its ability to add significant feature sets. STid has developed scalable readers built on the Security Industry Association (SIA) standard. The OSDP™ protocol ensures secure data transmission and bi-directional communications between the reader and the controller.

OSDP™

ARCHITECT®

OSDP™

IP 65

Vandalproof

WELCOME TO HIGH SECURITY

STid designs a wide range of scalable readers fully compatible with the Open Supervised Device Protocol - OSDP™ V1 (plain communication) and V2 (Secure Channel Protocol - SCP secure communication). OSDP™ provides bi-directional communication and can add security features for connecting card readers to control panels

MIFARE®

Architect® readers use the latest MIFARE® and DESFIRE® EV2 contactless chip technologies with new data security mechanisms. The Architect® Blue range integrates an EAL5+ crypto processor to improve protection and privacy.

Best Market Self-protection

The patented tamper protection system protects sensitive data and gives the possibility to delete the authentication keys. Unlike the current solutions in the market, the reliability of the accelerometer-based technology avoids it being outsmarted.

CREATE YOUR OWN SCALABLE CONFIGURATION

Intuitive and dynamic, Architect® readers are based on a common smart RFID and Bluetooth® core to which various interchangeable modules can be connected, such as card reader, keypad, touch screen, biometric device... The concept can be tailored to your needs, offering the optimum solution for any situation and ensuring that all functionalities and security levels can be upgraded across all your readers.

**Card reader
+ keypad
+ biometrics**

**Card reader
+ keypad**

Card reader

**Card reader
+ biometrics**

**Card reader
+ keypad
+ 125 kHz module**

**Card reader
+ 125 kHz module**

**Card reader
+ touch screen
+ scramble keypad**

**Card reader
+ touch screen
+ scramble keypad
+ biometrics**

ENSURE EASY & SECURE MIGRATIONS

Connect our SE8 125 kHz module to the Architect® readers to facilitate your migrations to advanced security levels. The Architect® Hybrid reader makes it easy to manage extensions, upgrades and technology migrations. It can read all the 125 kHz credentials: EM, Wiegand 26, 34, 35 & 37 bits, Crosspoint...

STid Mobile ID® • Bluetooth • NFC™

5 IDENTIFICATION MODES FOR A UNIQUE USER EXPERIENCE

Make your access control both secure and much more instinctive with the freedom to choose your favorite identification mode. STid Mobile ID® offers user-friendly methods that can be tailored to use - proximity or hands-free, remote control, touch... You no longer need to take your smartphone out of your pocket to identify yourself, even if the device is in standby mode or on a phone call.

Slide mode
Slide. Come in! Your hand becomes a card that you always have on you, without needing to take out your smartphone.

Remote mode
Press and enter! Activate remote control mode to remotely check your access points.

Card mode
Place your smartphone in front of the reader as a standard card.

Tap Tap mode
Tap and enter! You can open a door by tapping your smarphone twice in your pocket for close or remote access.

Hands-free mode
Just walk past the reader! There's nothing else to it!

LET YOUR IMAGINATION FLOW

The design of Architect® readers is immediately recognizable, with a dynamic and elegant style, featuring clean, pure lines. STid offers a range of customization options to tailor your reader to your corporate identity and integrate it fully into its installation environment.

COMMUNICATION VECTOR

YOUR LOGO

Print your logo using digital UV or pad printing

SMART LIGHTING ▲ ▲ ▲

Global vision multi-angle system
Customization of the LEDs (360 colors)

THE COLOR OF YOUR BUSINESS

Select your favorite casing color

YOUR READER IS A PIECE OF ART

Choose from several skin effect textures

STid
Electronic Identification

SPECIFICATIONS

	ARC1	ARC-A / ARC-T-A	ARC-B	ARC-C
Standards	ISO14443 types A & B, ISO18092 (NFC)			
13.56 MHz compatibility	MIFARE Ultralight® & Ultralight® C, MIFARE® Classic & Classic EV1, MIFARE Plus® & Plus® EV1, MIFARE® DESFire® 256, EV1 & EV2, NFC (HCE), SMART MX, PicoPass® (CSN only), iCLASS™ (CSN only)*, CIMS Ministry of Defense card "Cartes Agents"...			
Bluetooth compatibility	Yes (Architect® Blue version) - Bluetooth®			
125 kHz compatibility	NA	Yes (Architect® Hybrid version) - Connect the SE8 module		NA
Optional Biometrics sensor	NA	Yes - Connect the biometric module		
Functions	Serial number and secure OSDP™ V1 (plain communication) & V2 (SCP secure communication) - Transparent mode available			
Reading distances**	13.56 MHz: up to 6 cm / 2.36" Bluetooth®: up to 20 m / 65.6 ft	13.56 MHz: up to 8 cm / 3.15" 125 kHz: up to 8 cm / 3.15" Bluetooth®: up to 20 m / 65.6 ft	13.56 MHz: up to 6 cm / 2.36" 125 kHz: up to 8 cm / 3.15" Bluetooth®: up to 20 m / 65.6 ft	13.56 MHz: up to 6 cm / 2.36" Bluetooth®: up to 20 m / 65.6 ft
Communication interfaces	RS485			
Connections	3 m / 118.11" plug-in/plug-out connector rugged cable or 3 m / 118.11" cable version	10-pin plug-in connector (5 mm / 0.2") 2-pin plug-in connector (5 mm / 0.2"): O/C contact - Tamper detection signal		
Data protection	Available in EAL5+ version (secure data storage with certified crypto processor)			
Light indicator	RGB LEDs - 360 colors			
Audio indicator	Internal buzzer with adjustable intensity (depending on the version)			
Power requirement	130 to 150 mA / 12 VDC depending on the version	130 to 290 mA / 12 VDC depending on the version	160 to 320 mA / 12 VDC depending on the version	160 to 360 mA / 12 VDC depending on the version
Power supply	9 VDC to 15 VDC	7 VDC to 28 VDC		
Material	ABS-PC UL-V0 (black) / ASA-PC-UL-V0 UV (white)			
Dimensions (h x l x p)	110 x 42 x 22 mm / 4.33" x 1.65" x 0.86"	Standard: 107 x 80 x 26 mm / 4.2" x 3.15" x 1.02" With SE8 125 kHz module: 145.64 x 79.93 x 25.7 mm / 5.71" x 3.11" x 0.98" With biometrics: 156.35 x 80 x 59.62 mm / 6.14" x 3.14" x 2.32"		Standard: 128 x 80 x 31 mm / 5.04" x 3.15" x 1.22" With biometrics: 176.20 x 80 x 59.62 mm / 6.92" x 3.14" x 2.32"
Operating temperatures	- 30°C to + 70°C / - 22°F to + 158°F / Humidity: 0 - 95%			- 20°C to + 70°C / - 4°F to + 158°F / Humidity: 0 - 95%
Tamper switch	Accelerometer-based tamper detection system with key deletion option (patented)			
Protection	IP65 Level - Weather-resistant with waterproof electronics (CEI NF EN 61086 homologation)			
Resistance	Reinforced vandal proof structure IK10		Reinforced vandal proof structure IK08	NA
Mounting	Wall mount, door frame mount or European mullion flush boxes mount Compatible with any surfaces and metal walls without spacer	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" - External 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...		
Certifications	CE, FCC and UL			

Part numbers

y = casing color (1: black - 2: white)

ARC1	ARC-A / ARC-T-A	ARC-B	ARC-C
Standard: ARC1-W33-**X**/PH5-7OS/**y** **EAL5+:** ARC1S-W33-**X**/PH5-7OS/**y** **Bluetooth®:** ARC1S-W33-**X**/BT1-7OS/**y** **X** = **A** - Rugged cable outlet **B** - Connector cable	**Standard:** ARC-W33-A/PH5-7OS/**y** ARCT-W33-A/PH5-7OS/**y** **With Biometrics:** ARC-W33-D/PH5-7OS/**y** **With 125 kHz:** ARC-WX3-I/BF5-7OS/**y** **EAL5+:** ARCS-W33-A/PH5-7OS/**y** **With Biometrics:** ARCS-W33-D/PH5-7OS/**y** **With 125 kHz:** ARCS-WX3-I/BF5-7OS/**y** **Bluetooth®:** ARCS-W33-A/BT1-7OS/**y** **With 125 kHz:** ARCS-WX3-I/BT2-7OS/**y**	**Standard:** ARC-W33-B/PH5-7OS/**y** **With Biometrics:** ARC-W33-E/PH5-7OS/**y** **With 125 kHz:** ARC-WX3-J/BF5-7OS/**y** **EAL5+:** ARCS-W33-B/PH5-7OS/**y** **With Biometrics:** ARCS-W33-E/PH5-7OS/**y** **With 125 kHz:** ARCS-WX3-J/BF5-7OS/**y** **Bluetooth®:** ARCS-W33-B/BT1-7OS/**y** **With 125 kHz:** ARCS-WX3-J/BT2-7OS/**y**	**Standard:** ARC-W33-C/PH5-7OS/**y** **With Biometrics:** ARC-W33-F/PH5-7OS/**y** **EAL5+:** ARCS-W33-C/PH5-7OS/**y** **With Biometrics:** ARCS-W33-F/PH5-7OS/**y** **Bluetooth®:** ARCS-W33-C/BT1-7OS/**y**

FC CE UL EU c UL US

SECARD

CONFIGURE YOUR READERS IN A FEW CLICKS!

SECard programming kit to configure your access control readers (communication protocol, user indicators, security settings...) and manage your user credentials.

OSDP™

SIA SECURITY INDUSTRY ASSOCIATION Member

*Our readers can only read the UID/Chip Serial Number. They cannot read secure HID Global's iCLASS™ cryptographic protections. **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).

Headquarters / EMEA
13850 Gréasque, France
Tel.: +33 (0)4 42 12 60 60

PARIS-IDF Office
92290 Châtenay-Malabry, France
Tel.: +33 (0)1 43 50 11 43

STid UK Ltd. LONDON
Hayes UB11 1FW, UK
Tel.: +44 (0) 192 621 7884

STid UK Ltd.
Gallows Hill, Warwick CV34 6UW, UK
Tel.: +44 (0) 192 621 7884

NORTH AMERICA Office
Irving, Texas 75063-2670, USA
Tel.: +1 469 524 3442

LATINO AMERICA Office
Cuauhtémoc 06600 CDMX, México
Tel.: +521 (55) 5256 4706

AUSTRALIA / APAC Office
Ultimo, Sydney NSW 2007, Australia
Tel.: +61 (0)2 9274 8853

info@stid.com
www.stid-security.com