# STid

**13.56 MHz**

**BLUETOOTH®**

**NFC**

**EAL5+**

OSDP™ VERIFIED

19 AWARDS

DESIGNED IN FRANCE

STID MOBILE ID
**CORE START**

000-00000
000000000
CORE START
CORE START
000-0000 / 00000000

# CORE START

# PLUG & PLAY SECURITY, ZERO COMPLEXITY.

CORE Start® is the smart way to deploy secure and mobile access without the usual headaches.

- ✓ Plug & Play - No configuration required
- ✓ Maximize security and minimize efforts
- ✓ Immediate access to STid Mobile ID® virtual card
- ✓ No vendor lock-in, no proprietary traps
- ✓ Future-proof & upgrade-ready

## PLUG & PLAY SOLUTION FOR FAST DEPLOYMENT

Everything you need to deploy high-security access control - right out of the box. Connect your reader to your access control system, distribute credentials, and you're done.

### Ready-to-Connect Readers

The Architect® readers are OSDP™ or Wiegand 26 bits factory pre-configured.
Explore a wide range of features - from mullion formats to capacitive keypads and touch scrambled pads. Hybrid readers supporting 125 kHz are also available to simplify your migration projects. No software. No setup. No headaches.

### Ready-to-Distribute Virtual Credentials

Go mobile with STid Mobile ID® virtual cards, delivered via secure one-time QR codes. Fastest and easiest way to issue a secure virtual credential - with no recurring fees.

No user account, no email, no server - just scan the code and download your virtual card.

### Ready-to-Use Physical Credentials

Choose from secure pre-encoded MIFARE® DESFire® EV3 cards and key fobs. Each credential is numbered for easy distribution and can be re-encoded for future use.

### Smart Tools for Full Control

Easily upgrade your readers, adjust Wiegand formats, set OSDP™ addresses or enroll your IDs into your access control system. All designed to simplify setup and give you full control.
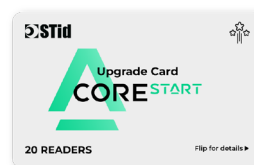
## HIGH SECURITY WITH ZERO TECHNICAL EFFORT

With CORE Start®, you get immediate access to the strongest identification technologies available, for maximum protection against cloning, interception, and unauthorized access.
It uses open DESFire® EV3 security mechanisms, featuring AES encryption, key diversification, Secure Messaging EV2 to protect the data communication, Proximity Check to prevent relay attacks by verifying user physical presence.

## SCALABLE & FUTURE-PROOF

CORE Start® grows with you: seamlessly upgrade to CORE Plus® or Pro® as your needs evolve, without replacing hardware-ensuring your investment stays ahead of tomorrow's demands.

STid
A Upgrade Card
**CORE START**
20 READERS    Flip for details ▶

**CORE**PRO

**CORE** -|-

▶ 100% turnkey & professional services

▶ You keep the control, you are the expert of your security policy

Discover the Full CORE Start® Experience ▶

# SPECIFICATIONS

| | Mullion | Standard | Keypad | Touchscreen |
|---|---|---|---|---|
| Standards | | ISO14443 type A, ISO18092 (NFC) | | |
| 13.56 MHz compatibility | | CORE Start® MIFARE® DESFire® EV3 2K<br>Read range: up to 8 cm (3.15 in) | | |
| STid Mobile ID® compatibility | | STid Mobile ID® CORE Start® - Bluetooth® & NFC (Android only)<br>Card Mode: up to 20 cm (7.87 in) - Remote Mode: up to 3 m (9.8 ft) | | |
| 125 kHz compatibility | None | Hybrid versions available: HID® Prox, AWID®, EM®<br>Read range: up to 8 cm (3.15 in) | | |
| Keypad | None | None | 4 bits capacitive keypad | 4 bits scramble pad |
| Communication interfaces | | OSDP™ RAW (5 bytes) – Address 0 to 4 configurable via optional configuration kit<br>Wiegand 26 bits – Can be switched to Wiegand 37 bits via optional configuration kit | | |
| Connections | 3 m / 9.8 ft cable<br>with plug-in connector | 10-pin plug-in connector (5 mm / 0.2 in) 2-pin plug-in connector (5 mm / 0.2 in):<br>O/C contact - Tamper detection signal | | |
| Data protection | | Secure EAL5+ certified cryptoprocessor | | |
| Light & Audio indicator | | 2 RGB LEDs & Internal buzzer | | |
| Power requirement (max.) | 150 mA / 12 VDC | Standard: 150 mA / 12 VDC<br>Hybrid: 190 mA / 12 VDC | Keypad: 180 mA / 12 VDC<br>Hybrid: 220 mA / 12 VDC | Touchscreen: 220 mA / 12 VDC<br>Hybrid: 260 mA / 12 VDC |
| Power supply | 9 - 15 VDC | 7 - 28 VDC | | |
| Material | | ABS-PC UL-V0 (black) | | |
| Dimensions (h x w x d) | 111.5 x 42.2 x 22 mm / 4.39 x 1.66 x 0.86 in | 107 x 80 x 26 mm / 4.21 x 3.15 x 1.02 in<br>Hybrid: 145.6 x 80 x 26 mm / 5.7 x 3.15 x 0.98 in | | 128 x 80 x 31 mm /<br>5.04 x 3.15 x 1.22 in<br>Hybrid: 156.4 x 80 x 30.5 mm /<br>6.14 x 3.15 x 1.2 in |
| Operating temperatures | - 30°C to + 70°C / - 22°F to + 158°F | | | - 20°C to + 70°C / - 4°F to + 158°F |
| Protection | | IP65 Level (excluding connectors) / UL294 Outdoor certified<br>Weather-resistant with dust and water-proof electronics (CEI NF EN 61086 homologation) | | |
| Resistance | IK10 | IK10 | IK08 | None |
| Mounting | Wall, door frame, European mullion flush boxes | Compatible with any surfaces and metal walls<br>Wall mount/Flush mount - American - 83.3 mm / 3.27 in - External dimensions:<br>101.6 x 53.8 x 57.15 mm / 3.98 x 2.09 x 2.24 in, European 60 & 62 mm / 2.36 & 2.44 in | | |
| Certifications | | CE (Europe), FCC (USA), IC / ISED (Canada), UKCA (United Kingdom), RCM (Australia, New Zealand),<br>BIS & WPC (India), Morocco (ANRT), UL, UL294 Indoor & Outdoor, RoHS | | |
| Part numbers | W26: ARC1S-R31-B/PC3-3I/1<br>OSDP™:<br>ARC1S-W33-B/PC3-7OS/1 | W26: ARCS-R31-A/PC3-3I/1<br>OSDP™:<br>ARCS-W33-A/PC3-7OS/1<br><br>Hybrid<br>W26: ARCS-RX1-IM/PC3-3I/1<br>OSDP™:<br>ARCS-WX3-IM/PC3-7OS/1 | W26: ARCS-R31-B/PC3-3I/1<br>OSDP™:<br>ARCS-W33-B/PC3-7OS/1<br><br>Hybrid<br>W26: ARCS-RX1-JM/PC3-3I/1<br>OSDP™:<br>ARCS-WX3-JM/PC3-7OS/1 | W26: ARCS-R31-C/PC3-3I/1<br>OSDP™:<br>ARCS-W33-C/PC3-7OS/1<br><br>Hybrid<br>W26: ARCS-RX1-KM/PC3-3I/1<br>OSDP™:<br>ARCS-WX3-KM/PC3-7OS/1 |

# EXPLORE OUR COMPATIBLE PRODUCTS

**STid Mobile ID® Virtual Cards**
P/N: VCARD-PC3_AW
· QR Code Download – Instant, secure, one-time delivery
· Anonymous – No email required
· Zero setup required. No recurring fees.

**MIFARE® DESFire® EV3 ISO Cards & Key Fobs**
Card: CCT870PC3_AW
Key fob: PCIW877PC3_AW
· Factory encoded & numbered
· Advanced encoding security: AES, key diversification, Proximity Check, Secure Messaging

**Smart Tools**
QWERTY enroller: ARCSR35HPC35AQ1 /
AZERTY: ARCSR35HPC35AB1
OSDP™ configuration kit: KIT-BC-PC3-O /
For hybrid reader: KIT-BC-PC3-LF-O
OSDP™ configuration kit: KIT-BC-PC3-W /
For hybrid reader: KIT-BC-PC3-LF-W
Upgrade card: UP20-CARD-PC3

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SMARTER SECURITY ANSWERS