



SPECTRE NANO

STANDALONE

PLUG IN. PARK EASY. PLUG & PLAY SOLUTION FOR VEHICLE ACCESS CONTROL

The Standalone Pack is an all-in-one, secure, and easy-to-deploy solution designed for environments where installing a full access control system would be too complex or expensive.

- No controller, no access control system - Direct connection to the barrier
- AES encryption and EAL5+ certified crypto-processor for anti-cloning protection
- Virtual credentials instantly distributed via QR code
- No subscription, scalable without reader replacement

FULLY PLUG-AND-PLAY PACK

The pack comes with the SPECTRE nano reader and all credentials already preconfigured - UHF tags and/or Bluetooth® virtual credentials - plus a configuration card. Thanks to the whitelist stored directly in the reader, access management is handled locally, with no dependence on a central system.

SIMPLIFIED INSTALLATION

The reader connects directly to the gate or barrier, with no controller, no software, and no central system. No network configuration is required, ensuring fast deployment and no technical constraints.

ENHANCED SECURITY

Credentials are encrypted and signed, ensuring strong protection against cloning. The reader includes an EAL5+ certified crypto-processor, protecting sensitive data stored inside the reader - such as cryptographic keys.

MOBILE-READY BY DESIGN

Compatible with STid Mobile ID®, the pack allows instant distribution of virtual credentials via secure QR codes, with no account creation or email required. Virtual credentials are fully compatible with Architect® CORE Start® readers.

OPTIMIZED R.O.I.

Reduce your costs from day one! With no license fees or recurring costs, the solution significantly reduces installation and maintenance expenses. It can evolve into a connected version without replacing the reader, ensuring a sustainable and future-proof investment.

IDEAL FOR SITES WITH FEWER THAN 100 USERS

- Gated communities
- Small and medium-sized businesses
- Industrial sites
- Remote facilities & parking areas
- Construction sites



Scan to learn more



*See legal notices on the back.

SPECTRE NANO READER SPECIFICATIONS

Operating frequencies / Standards	UHF - 2 versions: • 865 - 868 MHz : 866 MHz ETSI (Europe), Morocco (reg. n°ANRT/DG/n°7-10), India, etc. • 902 - 928 MHz : 915 MHz FCC Part 15 (USA), Australia, New Zealand, Peru, Philippines, etc. Bluetooth® - 2.4 GHz
Modes	Standalone mode with local whitelist management (in the reader)
Read ranges*	Up to 6 m (20 ft) with an ETA windshield tag Up to 20 m (66 ft) with a Bluetooth® (2 modes: Remote & Card) Read range may vary depending on vehicle type, installation conditions, Bluetooth® mode and local regulations.
Data protection	EAL5+ certified crypto-processor for secure key storage
LED indicator	1 LED (default: blue - ID read: green)
Power supply / Consumption	9 - 36 VDC (typ. 12 VDC) - 900 mA typ. / 1.5 A max at 12 VDC
Connector	8-pin removable terminal block (5 mm / 0.2 in) with cable gland
Relay output	24 VDC 2A power relay to control barrier motor - default state: open
Materials	Black ABS-PC and polycarbonate / Aluminum
Dimensions (H x W x D) / Weight	185 x 230 x 35 mm (7.2 x 9 x 1.4 in) (general tolerance following ISO NFT 58-000 standard) / 1.25 kg (35.3 oz)
Temperatures	Operating: -30°C to +60°C (-22°F to +140°F) / Storage: -40°C to +65°C (-40°F to +149°F)
Protection / Resistance	IP65 certified / Humidity: 5 - 95% / IK10-certified vandal-proof front panel structure
Mounting	Supplied with wall-mount bracket. Compatible with VESA 75 x 75 universal mounting kits (optional): • Wall mount with swivel bracket for angled installation • Pole mount
Certifications	CE (Europe), FCC (USA), IC (Canada), UKCA (UK), BIS & WPC/ETA (India), ANRT (Morocco), RCM (Australia & New Zealand), UL, RoHS

CREDENTIAL SPECIFICATIONS



- ETA Windshield Tags
 - Passive UHF
 - Pre-encoded & numbered
 - Encrypted & signed identifier (EPC)
 - Tamper-proof – self-destructs when removed



STid Mobile ID® CORE Start® Virtual Credentials

- Bluetooth® with STid Mobile ID® App (Android/iOS)
 - Download via QR code
 - Pre-encoded & numbered
 - Encrypted & signed identifiers and communications

CHOOSE YOUR PACK

	PACK 1	PACK 2	PACK 3
Reader	1	1	1
ETA UHF Tags	50	None	50
Virtual Credentials	None	50	50
Part Numbers	PACK1-SA1-SNA-XX	PACK2-SA1-SNA-XX	PACK3-SA1-SNA-XX

XX = EU (Europe), FCC (USA), MA (Maroc), PH (Philippines), PE (Peru), AU (Australia), NZ (New Zealand)

EXPLORE OUR COMPATIBLE PRODUCTS

Additional SPECTRE nano Readers <ul style="list-style-type: none"> ETSI: SNAR41ABT4SA11 FCC: SNAR51ABT4SA11 	Additional Credential Packs 50 ETA tags: PACK-SA1-50ETA 50 virtual credentials: PACK-SA1-50VCARD	Mounting Kits <ul style="list-style-type: none"> Wall mount: KFX-UHF-08 Pole mount: KFX-UHF-09 Combined: KFX-UHF-10 	Upgrade Cards <ul style="list-style-type: none"> ETSI: UP-CARD-SA1 FCC: UP-CARD-SA1-FCC

*Caution: information on communication distances: measured at the center of the antenna, depending on the positioning of the vehicle, the antenna configuration, the installation environment of the reader, the supply voltage, and the local regulations in effect. External disturbances can cause the reading range to decrease. The reading performance depends on the positioning of the tag and the type of windshield. Impervious windshields can affect reading performance. It is imperative to place the tag in the resist zones.

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SMARTER SECURITY ANSWERS