

ELATEC

RFID Systems

ACCESS SOLUTIONS



UNIVERSAL FAMILY OF READERS FOR PHYSICAL
ACCESS CONTROL AND TIME & ATTENDANCE

elatec.com

PHYSICAL ACCESS CONTROL DESIGNED AROUND YOU

The ELATEC reader portfolio is equipped with powerful and flexible technologies designed to work seamlessly with any access control solution.

Due to its multi-technology capabilities, it works with virtually all physical and mobile credentials using RFID, NFC or BLE, and supports mobile credentials for use cases such as user authentication and data communication. In addition, both Secustos SQ80 K LEGIC and Secustos SQ80 LEGIC are Apple Access certified for use with access applications enabled by Apple Wallet.

The complete TWN4 Palon and Secustos range supports both OSDP and Wiegand interfaces, making them truly universal readers for almost any form of access control.

In general, all reader series are designed with a flexible, open architecture to ensure the elegant integration of our products into higher-level systems and interoperability with components from other manufacturers.

HERE'S HOW ELATEC'S RFID SOLUTIONS FOR PHYSICAL ACCESS CONTROL MEET YOUR NEEDS:

UNIFYING ACCESS

1

In addition to access control, employee identification and other applications can be combined in a single RFID solution. That means employees can access everything they need with the same company ID card, from the payment function for the beverage vending machine to the rental process for the factory bicycles.

ALL-IN-ONE SERVICE

2

ELATEC is always there for you. We provide comprehensive needs analysis and expert advice, so you get the optimum solution for your requirements. Our team has broad technical expertise and a unique support portfolio, so we can support implementation of your individual system landscape. You can count on us for rapid, competent response when you have questions or need advice. Worldwide. Assured.

FUTURE SECURITY

3

ELATEC offers a universal, unique solution package consisting of product, software and service. Our readers work worldwide and give you maximum flexibility. We work with you to set up your system to meet your current needs. Your readers can be easily adapted for new requirements at any time, by your team or ours. Updating is fast, easy, and can be completed remotely where your infrastructure allows it. Our solutions will meet your needs right from the start –and in the future.



SELECTION OF ELATEC'S PRODUCTS FOR PHYSICAL ACCESS CONTROL.

Our readers support 60+ technologies, including HF and LF contactless RFID card technologies, Near Field Communication(NFC), and Bluetooth® Low Energy (BLE) for mobile ID solutions.



TWN4 MULTITECH NANO

Extremely small and compact board makes it easy to add RFID capabilities to any OEM products. Suitable for all mobile and battery-operated applications.

- » OEM board
- » External antennas and I/O interfaces
- » Extremely small core module for system integrations
- » 31 x 17.8 x 2.7 mm



TWN4 PALON COMPACT PCB

A family of multi-function readers optimized for physical access control (PAC) and time & attendance applications. A compact OEM PCB module for integration into third-party products and devices.

- » Excellent RFID performance
- » Enhanced interfaces (USB, RS-232, Wiegand, RS-485, OSDP)
- » LEGIC version available
- » Infrared tamper detection
- » Power range 9 to 30V
- » 43.8 x 40.8 x 28.5 mm

Palon comes in different physical configurations, so you can choose the reader with the right form factor for your application.



TWN4 PALON COMPACT PANEL

Attractive, highly customizable panel mount reader (TWN4 Palon Compact inside) ideal for PAC panels, vending, gaming machines, EV chargers, kiosks and more.

- » Robust Polycarbonate housing construction for extended application areas; frontside IP65 dust and water protected
- » Clear housing with lighting concept, customizable inlay for OEM branding or black housing
- » Easy and secure installation
- » 80 x 80 x 31 mm (mounting hole 63 mm diameter)



TWN4 PALON WALL

A compact in-wall reader for integration into wall flush-mounted installation boxes (TWN4 Palon Compact inside).

- » Flexible housing concept, customizable inlay for OEM branding
- » Integrates with most electric switch programs. Support for many design-lines, colors and shapes.
- » For DIN 49073 flush mount boxes (other regions on request)
- » Frontside IP54 dust and water protected
- » 44.7 x 47.4 x 33.4 mm (mounting ring 71.3 x 71.3 mm)



SECUSTOS SQ80 K

Secustos is a design-oriented multi-technology reader family that is one of the slimmest on the marketplace and was developed ground-up for access control applications.

- » Available in single gang or mullion form factor, white or gray
- » IP65 suitable for outdoor use in harsh environments
- » Wiegand and RS485 interfaces, supports OSDP v2.2 protocol
- » Single gang reader: approx. 86 x 86 x 8.25 mm
- » Mullion reader: approx. 1230 x 41 x 8.25 mm



IF YOUR PROJECT REQUIRES A DIFFERENT FORM FACTOR, WE ARE HAPPY TO COLLABORATE WITH YOU TO DEVELOP A CUSTOMIZED SOLUTION.



UNIFYING ACCESS. UNIVERSAL READERS FOR ANY ACCESS APPLICATION.

PARTNERSHIP. QUALITY. SERVICE.

ELATEC is empowering our partners to transform access through pioneering universal readers, advanced authentication software, and world-class service. Our high-performance reader technologies, combined with deep expertise and unbeatable support, make us a preferred partner for security companies, integrators and original equipment manufacturers world-wide. When you work with ELATEC, you are working with a reliable long-term partner who can help you select the best products, processes and services for your access needs.

AUTHENTICATION – YOUR WAY.

ELATEC's innovative multi-technology readers are built on an agnostic platform to support diverse applications, markets and customer requirements—from physical access control to digital access management, machine authentication, secure printing, EV charging and more. We work closely with OEMs and integrators to enable universal, flexible and future-proof access solutions that are compatible with any application, anywhere in the world. From single applications to unified access systems, via RFID or NFC/BLE mobile credentials, our universal readers support authentication, your way.

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