

The Credential reader Stylos Smart Led

The solution includes the following products:

- Credential reader
- Accessories

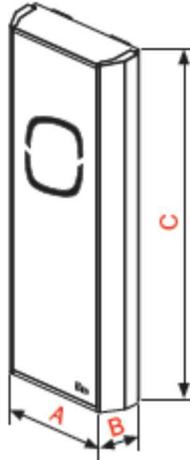


Specification:

ISEO Stylos Smart Led multistandard RFID reader 13,56 Mhz ISO 14443 A/B Credential reader compatible with Mifare Classic, Mifare Plus and Mifare DesFire. The readers can be provided for indoors or for outdoors with minimum Protection Grade IP66 and can be directly connected to specific locks through Lockbus interface without external actuators that can manage double accesses with interlock functions and signal lights. The electronic actuator must allow a direct control of electromechanical locks and electric strikers or, by using the built-in relay, of any other access control device such as car park bars, sliding doors, electric locks. The reader must be provided with a self-adjusting power supply from 8Vdc to 30Vdc ensuring top flexibility and allowing in most cases the use of an existing supply even when the theoretical parameters are deteriorated. The reader must have connectivity to Bluetooth Smart Ready devices without any plugin to be installed neither on the reader nor on the smartphone and can be opened by RFID cards and Bluetooth Smart Ready phones (iOS and Android). Lost or stolen keys must be possible to be quickly deleted with Argo, an intuitive smartphone application available for iOS from iPhone 4S with iOS 7, Android from version 4.3 (Jelly Bean) featuring Bluetooth Smart Ready hardware. The reader must have Real Time Clock/Calendar and the Software (Firmware) must be on-site upgrading. The signals must be of 3-colour series green, red, blue with an acoustic buzzer. The mounting can be Wall mounting with spacer available and the environmental features for operating temperature must be $-20^{\circ}\text{C} \div +60^{\circ}\text{C}$ and for storage temperature $-25^{\circ}\text{C} \div +75^{\circ}\text{C}$. The maximum dimensions of the reader must be 130 x 47,5 x 17,5 mm and must be possible to memorize up to 300 cards or phones, stores the last 1.000 events and connect via Bluetooth Smart to a Bluetooth Smart Ready phone with remote opening and communication with Bluetooth Smart Ready phone up to 10 meters. The Software must be upgradable on site via Bluetooth Smart Ready phone and must have a Lockbus interface multipoint bus sharing data transmission and power supply on the same. The wire connection for utmost flexibility, easy installation and consequently, cost optimization through Lockbus with data transmission and power supply on the same 3-wire connection up to 100 m. the reader must have secure device authentication (among readers and actuators) and encrypted data transmission for high security against manipulation. The smartphone must work without additional software to install – except ARGO APP – and must work without any internet connection because the App must connect directly to the doorlock with the latest encryption protocols ensuring the highest security in data transfers. Users must open doors with phone from remote up to 10 meters or with phone protected with pin code and still with cards or tags. In any moment must be possible to temporarily block the standard users allowing access only to VIP users, set the door in passage mode (office mode), get early notification of availability of new software and if authorized, manage access authorizations to doors adding new users (cards, tags or smartphones) or removing users, transferring user lists to other doors read door events and track users passages, read status, add doorlock new feature with simple software (Firmware) upgrade.

Versions and Dimensions:

Credential reader
with led



A = 47,5mm
B = 17,5mm
C = 130mm

Spacer for wall
installation



A = 40mm
B = 10mm
C = 125mm