

E100 SCAND

Standard escutcheon Scandinavian Profile



Product description

- Wireless Aperio Escutcheon which can be integrated into any access control system via AADP protocol integration or via Aperio Wiegand Hub.
- Can be used with all Scandinavian mortise locks - in wooden, steel and tubular-frame doors
- Main electronics (RFID + radio + BLE) outside - security-relevant electronics inside
- Outside handle rotates freely - inside handle always engaged
- Override Credentials: Up to 10 override credentials can be stored for an emergency access in case of failure or no communication with the access control or the hub.
- Smart Credential Handling: In addition to the override credentials, the last valid credentials (up to 1000) can be cached automatically and for a limited time (up to 30 days), so that an opening can still be made without the intervention of the administrator.
- LED for status visualisation

Scope of delivery

- 1 escutcheon with battery (Lithium CR123A) and installation instructions
- Screws, drilling template and tool (for inserting cables)

Note

- * It should be observed that harsh environments may affect product operability (excessive humidity, salt, extreme temperatures)

Suitable ASSA ABLOY products

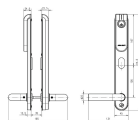
- RS485 Communication Hub
- Wiegand Interface (Advanced Wiegand) Communication Hub
- Aperio® IP Communication Hub

Accessories/Individual parts

- Aperio PAP tool and wireless dongle (Order number: 99 04_PAP tool)
- Spare battery (Order number: 99 0x_Battery)

Technical data - Standard escutcheon






	Authentication	Three levels of authentication (PIN only, CARD only, PIN & CARD combined)
	Code	PIN code - 4 up to 8 digits
	Approvals	CE
	Dimension	312 x 41 x 10/20 mm (H x W x D)
	Version	Basic = interior and exterior doors up to grade 2
	Handle	L-Shape, U-Shape
	Surface	Stainless steel brushed (ST)
	Distance	105 mm with spindle 8 mm
	Door leaf thickness	Door leaf between 35 and 95 mm thick, in 10mm increments
	Backset	> 40 mm
	Mounting plate	45 mm
	Battery	1 x Lithium CR123A
	Battery life	30 openings per day for 49 months
	Radio standard	IEEE 802.15.4 (2.4 GHz)
	Encryption (radio communication)	AES 128 bits
	Distance between the RFID-Reader and hub	Up to 25m depending on the building environment



MIFARE™ CLASSIC / DESFire™

MIFARE™ CLASSIC / PLUS



	Class of protection	IP 52*
	Class of protection	IP52 (IP54 optionally available)
	Operating temperature range	0°C to 60°C
	Relative humidity	< 85% (condensation-free)
	Status	LED (red/green/orange)
	RFID Technologies (Based on reader type)	High Frequency: iCLASS®/ISO 14443B; iCLASS Seos; MIFARE Classic® / MIFARE® DESFire® EV1&EV2
	RFID reading	UID / Sektor / Block / Application / File / LEGIC® Segment Data
	RFID Reading range	< 4 cm
	Communication interfaces	Communication via radio (USB dongle) or Micro-USB adapter (accessory)
	Offline and Online operation modes	Aperio® Online; Aperio® Offline; Standard OSS Offline
	Mobile Technology	NFC and BLE (Bluetooth Low Energy)