

# E100 EURO

Standard escutcheon Euro 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 European (DIN) 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, 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

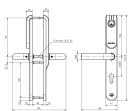
- Aperio PAP tool and wireless dongle (Order number: 99 04\_PAP tool)
- Spare battery (Order number: 99 0x\_Battery)
- Optional Covering plate - to cover existing boreholes (Order number: 99 02\_Coveringplate)

## Technical data - Standard escutcheon

	<b>Offline and Online operation modes</b>	Aperio® Online; Aperio® Offline; Standard OSS Offline
	<b>Mobile Technology</b>	NFC and BLE (Bluetooth Low Energy)
	<b>Authentication</b>	Three levels of authentication (PIN only, CARD only, PIN & CARD combined)
	<b>Code</b>	PIN code - 4 up to 8 digits
	<b>Approvals</b>	CE

	<b>Dimension</b>	312 x 41 x 10/20 mm (H x W x D)
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<b>Version</b>	Basic = interior and exterior doors up to grade 2
<b>Handle</b>	L-Shape, U-Shape
<b>Surface</b>	Stainless steel brushed (ST)
<b>Distance</b>	Distance 72 mm, 85 mm, 92 mm; Spindle 8 mm, 9 mm, 10 mm
<b>Door leaf thickness</b>	Door leaf between 40 and 100 mm thick, in 10 mm increments
<b>Backset</b>	> 40 mm



MIFARE™ CLASSIC / PLUS

MIFARE™ CLASSIC / DESFire™






LEGIC



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	<b>Battery</b>	1 x Lithium CR123A
	<b>Battery life</b>	30 openings per day for 49 months
	<b>Radio standard</b>	IEEE 802.15.4 (2.4 GHz)
	<b>Encryption (radio communication)</b>	AES 128 bits
	<b>Distance between the RFID-Reader and hub</b>	Up to 25m depending on the building environment
	<b>Class of protection</b>	IP 52*
	<b>Operating temperature range</b>	0°C to 60°C
	<b>Relative humidity</b>	< 85% (condensation-free)
	<b>Status</b>	LED (red/green/orange)
	<b>RFID Technologies (Based on reader type)</b>	High Frequency: iCLASS®/ISO 14443B; iCLASS Seos; MIFARE Classic® / MIFARE® DESFire® EV1&EV2
	<b>RFID reading</b>	UID / Sektor / Block / Application / File / LEGIC® Segment Data
	<b>RFID Reading range</b>	< 4 cm
	<b>Communication interfaces</b>	Communication via radio (USB dongle) or Micro-USB adapter (accessory)