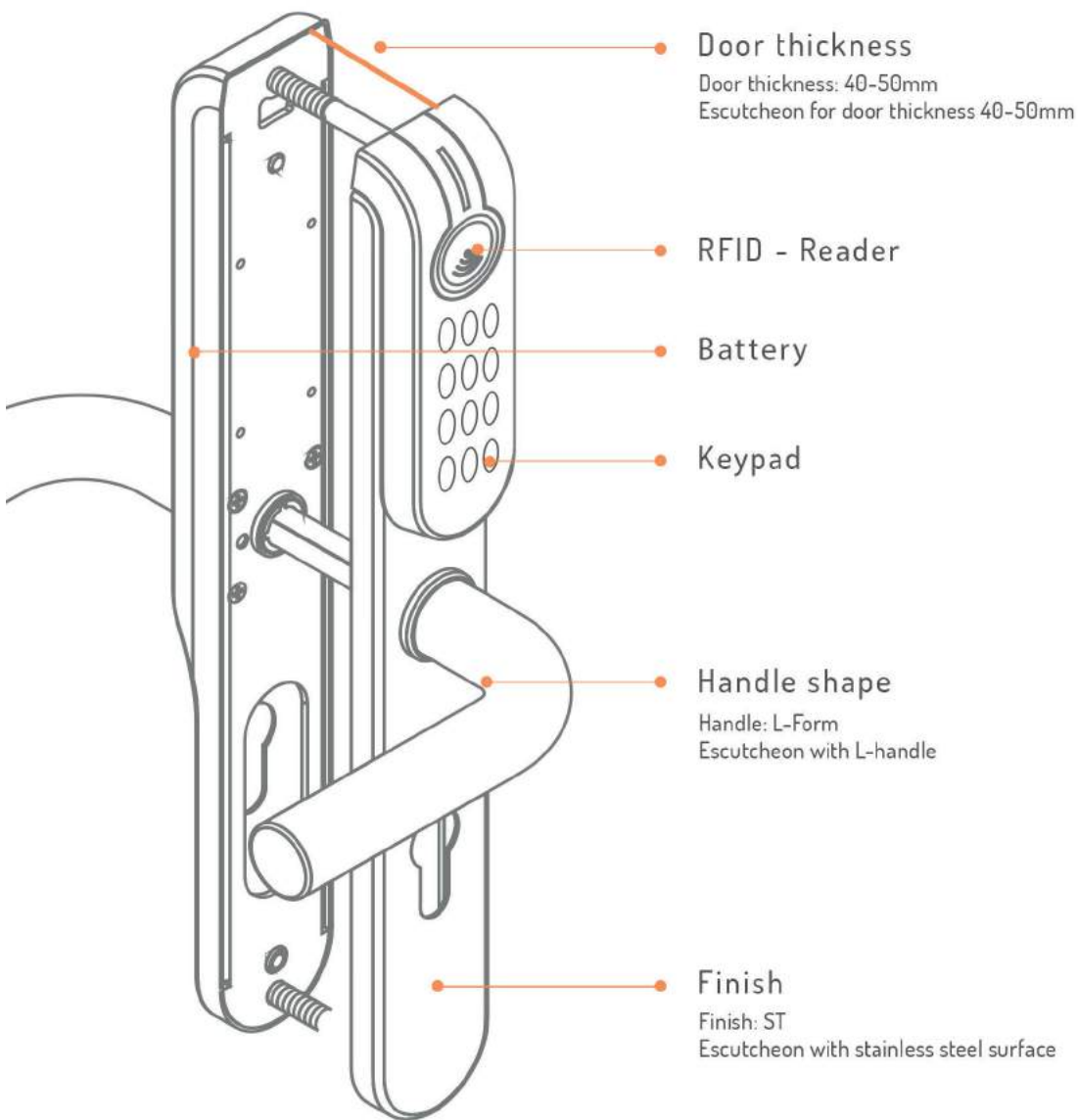




SmartPorter

TECHNICAL GUIDE



i **Version**

Version: BASIC
Escutcheon for interior and exterior doors (up to grade 2)

Specification

Technical data

	Authentication	Three levels of authentication (PIN only, CARD only, PIN & CARD combined)
	PIN code	PIN code - 5 digits
	Approvals	CE
	Dimensions	312 x 41 x 10/20 mm (H x W x D)
	Application versions	Basic = interior and exterior doors up to grade 2
	Handle versions	L-Shape, U-Shape
	Escutcheon finish	Stainless steel brushed (ST)
	Distance / Spindle	Distance 72 mm, 92 mm; Spindle 8 mm, 9 mm, 10mm
	Door thickness	Door leaf between 40 and 100 mm thick, in 10 mm increments
	Backset	> 40 mm
	Battery	1 x Lithium CR123A
	Battery life	> 40.000 cycles (for max. 3 years)
	Radio standard	IEEE 802.15.4 (2.4 GHz)
	Encryption (radio communication)	AES 128 bits
	Distance between the RFIDReader and hub	Typical range of 5 m or 25 m depending on the hub type and building environments
	Class of protection	IP 52
	Operating temperature range	0°C to 60°C
	Humidity	< 85% (condensation-free)
	Status	LED (red/green/orange)
	RFID technology	iCLASS®/ISO 14443B; MIFARE Classic® / MIFARE® DESFire® EV1; HID PROX/ EM410x; LEGIC® (Advant, Prime, ISO 14443 UID, ISO 15693 UID)
	RFID reading	UID / Sektor / Block / Application / File / LEGIC® Segment Data
	Scanning range	< 4 cm
	Interface	Micro USB firmware download and battery back up

Project description

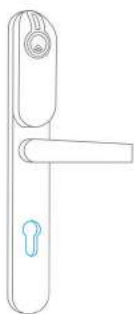
- Communication with SmartPorter by Wi-Fi
- Can be used with all European (DIN) mortise locks - in wooden, steel and tubular-frame doors
- Main electronics (RFID + radio) outside - security-relevant electronics inside
- Outside handle rotates freely - inside handle always engaged
- Possibility to store up to 10 emergency codes
- LED for status visualisation

Accessories / Individual parts

- Battery (Lithium CR123A)
- Escutcheon spare spindle set
- Optional Covering plate - to cover existing boreholes

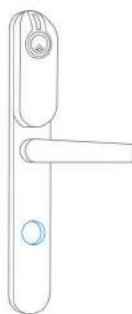
Cut-outs

Aperio® escutcheons are available in different cut-out versions depending on the area of application:



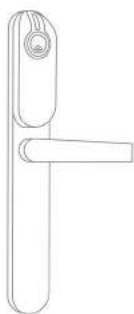
EURO

prepared for Euro
profile cylinder



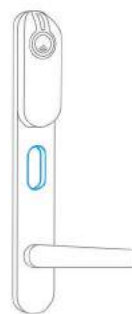
SWISS

prepared for Swiss
round cylinder



BLIND

blind/blank



SCAND

prepared for Scandinavian
oval cylinder

Spindles

Aperio® door handles operate different locking mechanisms depending on the area of application:

- Internal door locks with handle and 7mm spindle (French version)
- Internal door locks with handle and 8mm spindle
- External door locks with handle and 10mm spindle
- Fire-rated, smoke protection and emergency exit (panic) door locks with 9mm spindle



7 mm



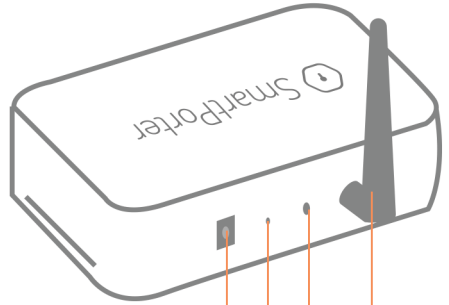
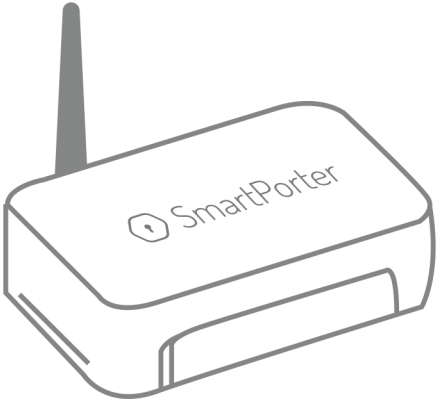
8 mm



9 mm



10 mm



DC/IN: 12V

Status LED

Reset

Antene
connection: Wi-Fi
range: 25 meters

