H100 EURO

Access control handle For Euro lock doors - for use in indoor areas

ASSA ABLOY
Opening Solutions

aperio

Product description

- Wireless Aperio® handle which can be integrated into any access control system via AADP protocol integration or via Aperio Wiegand Hub
- Can be used with the most common European (DIN) mortise locks - in wooden, steel, and tubular-frame doors (and glass doors with standard lock cases)
- Online or offline mode is selected in software during product initialization (accessories PAP tool and radio dongle or cable required)
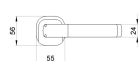- When online, communication from hub to the Online Access Control System (addressable) - access decision in the EAC system
- All electronics and functionality are in the outside part of the handle
- Outside handle rotates freely - inside handle always engaged
- LED for status visualization
- Discrete handle with minimum footprint and contemporary design

Scope of delivery

- 1 pair of handles with battery (Lithium CR123A) and installation instructions
- Cuttable fixing screws
- 7 mm and 8 mm spindle
- Accessories pack

Technical data - Access control handle

	Authentication	One level of authentication (CARD/Smartphone Only)
	Approvals	CE, EN1906: 26-B010B
	Dimension	56 x 55 x 13,5 mm (Rose dimensions H x W x D)
	Version	Interior doors
	Handle	L-Shape, U-Shape through adapter (accessory)
	Surface	Satin chrome
	Spindle	7 mm and 8 mm spindle and 7-8 mm adapter included, 9 mm available as accessory
	Door leaf thickness	Between 35-80 mm but with accessory "10 mm distance ring" thinner doors can be used
	Battery	1 x Lithium CR123A
	Battery life (Based on reader type)	High Frequency Multiclass: 30 openings per day for 50 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
	Class of protection	IP42
	Operating temperature range	0°C to 55°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 & EV3
	RFID reading	UID / Sector / Block / Application / File
	RFID Reading range	< 4 cm

CE · iCLASS by HID · MIFARE™ CLASSIC / PLUS · MIFARE™ CLASSIC / DESFire™ · N · Bluetooth®

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	Communication interfaces	Communication via radio (USB dongle) or USB type B adapter (accessory)
	Offline and Online operation modes	Aperio® Online; Aperio® Offline; Standard OSS Offline
	Mobile Technology	NFC and BLE (Bluetooth Low Energy)