C100 Server rack version

Metal single knob cylinder

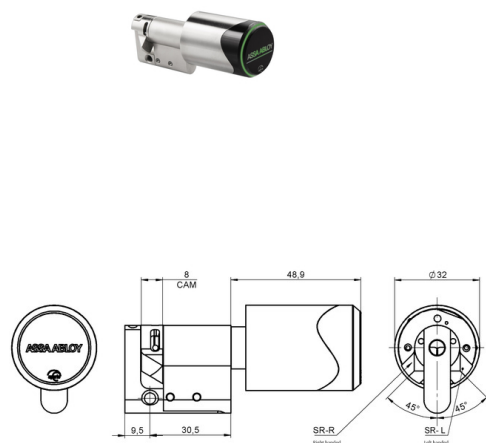**ASSA ABLOY**
Opening Solutions

aperio

Product description

- Wireless Aperio Escutcheon which can be integrated into any access control system via AADP protocol integration or via Aperio Wiegand Hub.
- Main electronics (RFID + radio) in the outside knob - secure electronics inside cylinder core
- Special spring loaded fixed cam position (left or right handed)
- 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 single knob cylinder with battery (Lithium CR2) and installation instructions
- Screws and fixing material (In V3 orders you need to order knob tool separately)

Technical data - Metal single knob cylinder

	Approvals	CE
	Version	Cam position (45° left/45° right blocking) - to be specified when ordering
	Knob dimensions	43 x 32 mm (L x Ø)
	Knob surface	Stainless steel
	Cylinder length	Available only with 30mm length with right and left handed variants
	Battery	1 x Lithium CR2
	Battery life	10 openings per day for 27 months
	Encryption (radio communication)	AES 128 bits
	Distance between the RFID-Reader and hub	Up to 25m depending on the building environment
	Radio standard	IEEE 802.15.4 (2.4 GHz)
	Class of protection	IP65
	Status	LED (red/green/orange)
	Operating temperature range	-20° to +55°C
	RFID Technologies (Based on reader type)	High Frequency: iCLASS®/ISO 14443B; MIFARE Classic® / MIFARE® DESFire® EV2 in Legacy EV1 mode; Legic: LEGIC® (Advant, Prime, ISO/IEC14443 UID, ISO/IEC15693 UID)
	RFID Reading range	< 4cm
	Communication interfaces	Micro USB Firmware download (V3 only)
	RFID reading	UID / Sektor / Block / Application / File