

## APERIO C 100 EURO – Metal single knob cylinder

Aperio provides system solutions for wireless access control. Aperio was developed by Assa Abloy for easy implementation into end customer solutions access and attendance systems. The system is characterized by ease of installation and flexibility.



### Functional options:

Communication from hub via RS485 bus to the Online Access Control System (addressable) - access decision in the EAC system

Compatible with all DIN mortice locks, suitable for locks on glass door wings and walls

Main electronics (RFID + radio) in the outside knob - secure electronics inside cylinder core

Freely rotating lock cam

Possibility to store up to 10 emergency cards (only used in case of disconnection from the hub)

LED for status visualisation

### Technical parameters:

<b>Approvals</b>	CE; fire door up to T90; DIN EN 15684 (1/6/B/4/-/F/3/2)
<b>Version</b>	Fix or demountable knob versions with or without RFID-Reader
<b>Knob dimensions</b>	43 x 32 mm (L x Ø)
<b>Knob surface</b>	Stainless steel
<b>Fixing screw</b>	60 alebo 85 mm
<b>Battery</b>	1 x Lithium CR2
<b>Battery life</b>	< 30,000 cycles (for max. 2 years)
<b>Radio standard</b>	IEEE 802.15.4 (2,4 GHz)
<b>Encryption (radio communication)</b>	AES 128 bit



**Technical parameters:**

<b>Distance between the RFID-Reader and hub</b>	Typical range up to 25 m depending on the hub type and building environments
<b>Class of protection</b>	IP 65
<b>Operating temperature range</b>	-20° to +55°C
<b>Door status</b>	LED (red/green/orange)
<b>RFID Technology</b>	iCLASS®/ISO 14443B; iCLASS® Seos; MIFARE™ Classic; MIFARE™ Plus; MIFARE™ DESFire™ EV1; LEGIC® Advant; LEGIC® Prime (in progress)
<b>RFID reading</b>	UID / Sektor / Block / Application / File
<b>Scanning range</b>	< 4 cm
<b>Communication interfaces</b>	Micro USB Firmware download (V3 only)

