

Aperio™ C100 EURO Standard double knob cylinders

Product Description

The Aperio™ C100 EURO is a door handle system with an integral proximity reader in the outside knob providing a compact door security system that is compatible with the Norpass access control system. It can be fitted to any DIN mortise lock.

The C100 EURO is battery powered and communicates wirelessly with a hub located in the proximity of the door. The hub communicates with the Norpass access control panel via the reader interface. The access control panel makes the access decisions in the same way as it does with standard card readers.

The use of Aperio™ saves on cost and installation time for new installations as there is no need to install a separate reader and maglock/doorstrike. The Aperio™ C100 EURO door handle system can be fitted in place of standard door handles.



Features

- ▶ Quick and easy to install saving time and money on new installations.
- ▶ Communicates with the Norpass access control system, which makes access decisions.
- ▶ 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
- ▶ Possibility to store up to 10 emergency cards (only used in case of disconnection from the hub)
- ▶ LED for status visualisation

Specifications

Approvals: CE; fire door up to T90

Physical

Knob versions: Fix or demountable knob versions with or without RFID- Reader
 Knob dimensions: 42 x 36.4 mm (L x Ø)
 Knob surface: Black
 Cylinder finish: Brass cylinder with standard finish satin nickel-plated
 Cylinder length: Basic length 30/30mm, extendable in 5mm increments to 60mm
 Fixing screw: 60 or 85mm

Electrical

Battery: 1 x Lithium CR2
 Battery life: > 40,000 cycles (for max. 3 years)

Radio Communications

Encryption: AES 128 bits (radio communication)
 Distance: Typical range of 5m or 25m cylinder to hub, depending on hub type and building environment

Environmental

Protection: IP 52
 Operating temp: 0°C to +50°C

Indicators

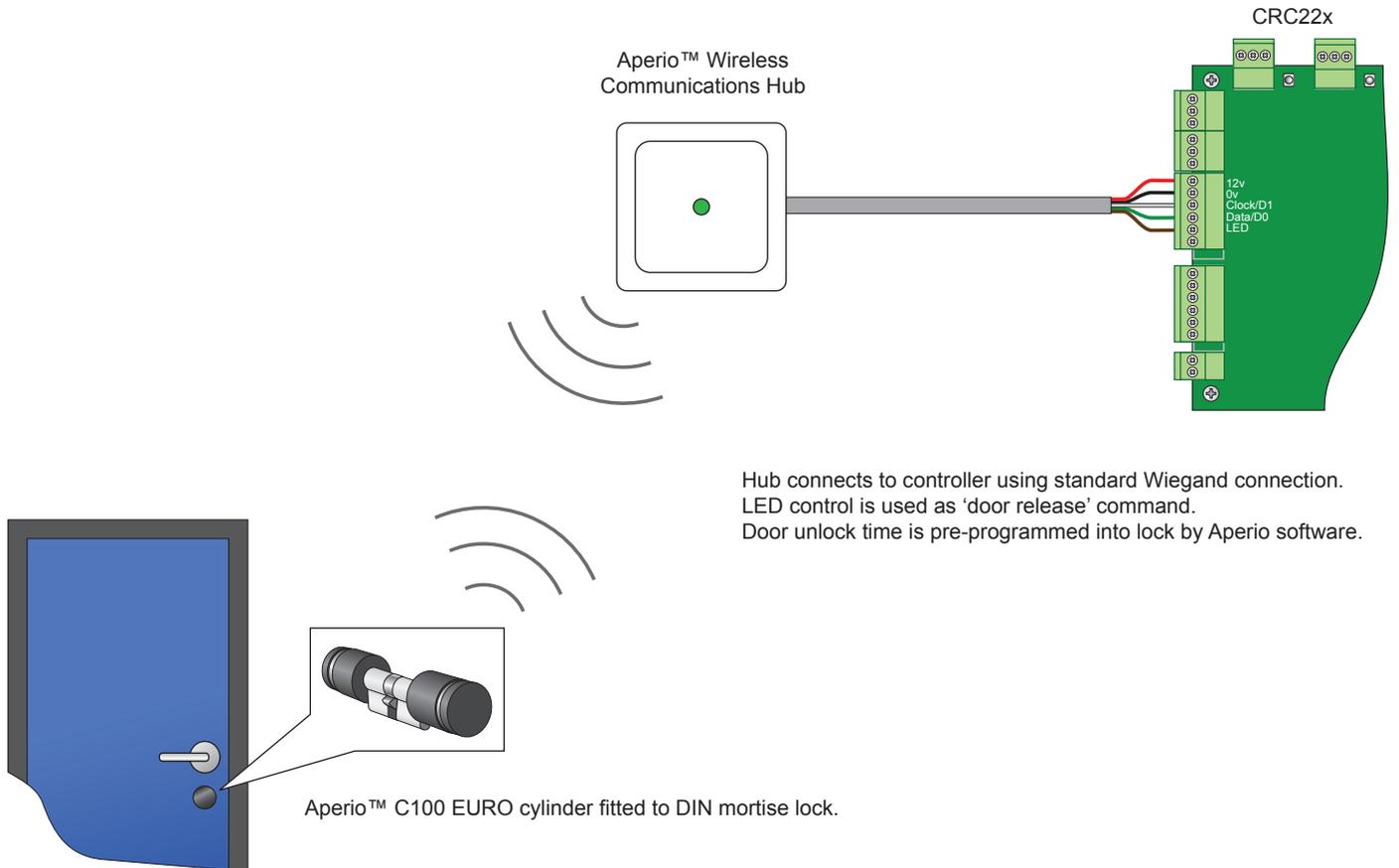
Status: LED (red/green/orange)

RFID

RFID Technology: iCLASS@/ISO 14443B; MIFARE™ classic; MIFARE™ plus; MIFARE™ DESFire™ EV1
 RFID reading: UID / sector / block or application / file
 Scanning range: < 4 cm

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Aperio™ Integration with Norpass



Ordering Information

C100	C100 EURO Standard cylinder complete with communications Hub
E100	E100 EURO Standard escutcheon complete with communications Hub