

## Aperio™ E100 EURO Standard Escutcheon

### Product Description

The Aperio™ E100 EURO is an escutcheon with an integral proximity reader providing a compact door security system that is compatible with the Norpass access control system. It can be used with all European (DIN) mortise locks - in wooden, steel and tubular-frame doors.

The E100 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™ E100 EURO door handle system can be fitted in place of a standard escutcheon.



### Features

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

### Specifications

Approvals: CE, EN179, EN1906, DIN18273

#### Physical

Dimensions: 312 x 41 x 10/20 mm (H x W x D)

Application versions: Basic = interior and exterior doors up to grade 2 (EN 1906)

Premium = higher security version up to grade 3 (EN 1906) with approvals on fire (DIN18273), escape (EN179) route and security

Handle versions: L-Shape, U-Shape

Escutcheon finish: Stainless steel brushed (ST)

Distance/ Spindle: Distance 72 mm, 92 mm; Spindle 8 mm, 9 mm, 10 mm

Door Thickness: Door leaf between 40 and 100 mm thick, in 10 mm increments (Premium version in 5mm increments)

Backset: > 40 mm

#### 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 between the escutcheon and hub, depending on hub type and building environments

#### Environmental

Protection: IP 54

Operating temp: 0°C to 60°C (Basic version) -25°C to 60°C (Premium version)

Humidity: < 85% (condensation-free)

#### Indicators

Status: LED (red/green/orange)

#### RFID

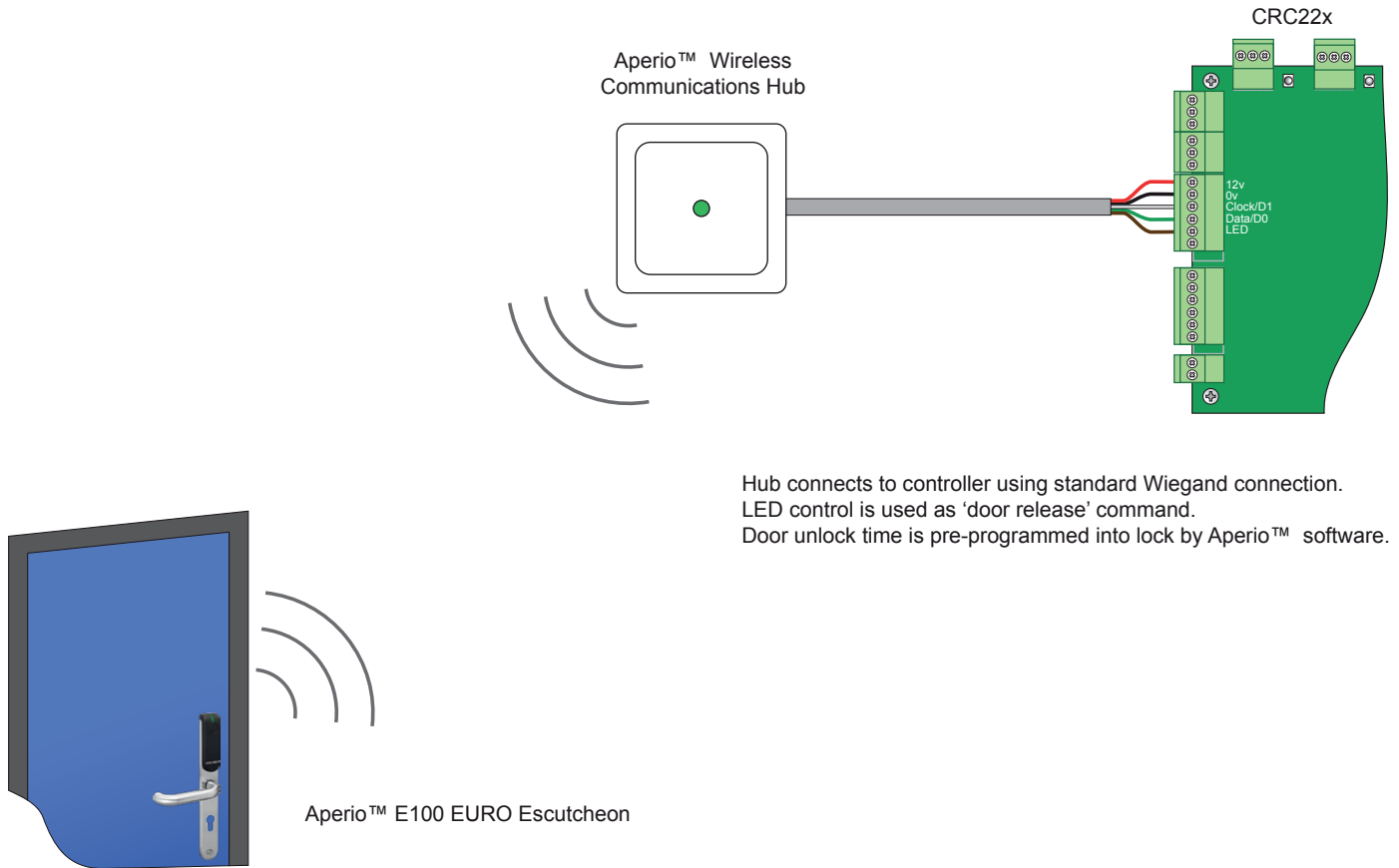
RFID Technology: iCLASS@/ISO 14443B; MIFARE™ classic; MIFARE™ plus; MIFARE™ DESFire™ EV1

RFID reading: UID / sector / block or application / file

Scanning range: < 4 cm

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### Aperio™ Integration with Norpass



### Ordering Information

<b>C100</b>	<b>C100 EURO Standard cylinder complete with communications Hub</b>
<b>E100</b>	<b>E100 EURO Standard escutcheon complete with communications Hub</b>