

General Description

Designed to fit the standard Lockwood Mortice Lock and Euro Profile Mortice Locks, the C100 provides a unique and cost effective migration to an online electronic access control door.

The external housing contains a sophisticated battery powered proximity reader that communicates wirelessly to a Hub. The Hub is then wired directly to the access control system and enables standard on line access control features at significantly reduced costs than that of a hard wired door.

Key Features

- Wireless online access control
- Authorisation changes in real time
- Audit trails and time zones managed through existing system
- Compatible with standard Lockwood 3570/3770 series and European (DIN) Standard mortise locks
- Cylinder can store up to 10 override credentials/RFID cards
- Stores last 200 events and audit trails locally in the cylinder
- LED status indication
- Battery powered 40,000 operations
- Battery low warning sent to EAC system
- Available in Stainless Steel Knob

Applications

- Internal doors only
- Expand existing access control systems
- New access control installations
- Doors that cant be hard-wired
- Heritage listed buildings

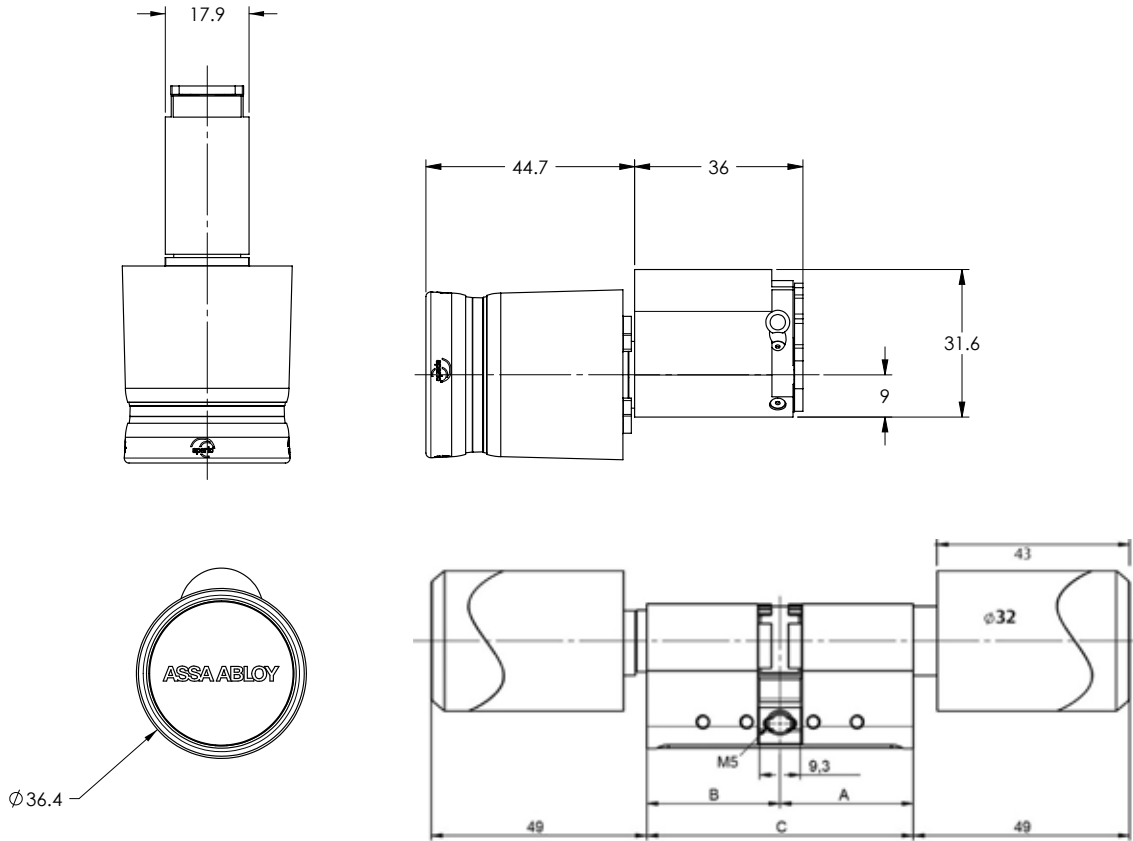


C100 (570 Lockwood 3570/3770 Cylinder)

C100 (Euro Profile Cylinder)

Function

- **External** – badge card in front of cylinder and rotate knob to retract latch.
- **Internal** – lever on mortice lock is set to escape – free egress at all times.



C100 Technical Information	
Battery type	1 x Lithium CR2
Battery lifetime	>40,000 cycles
Radio standard	IEEE 802.15.4 (2.4GHz)
Encryption	AES 128 Bit
Wireless range: Cylinder to Hub	5-25m depending on location of Hub & environment
RFID technology**	iClass Mifare Classic / Desfire, Mifare Classic / Plus
RFID reading	UID / sector / block
Card reading range	< 4cm
Operating temperature	0°C - 60°
Humidity	< 85% non condensation
IP-degree	IP 30
Knob colour	Satin Nickel
Cylinder Colour	Satin Chrome
Cylinder format	Lockwood Australian oval 570 European (DIN) Cylinder
Door thickness	Suits standard doors up to 50mm
Approvals	CE

Ordering Information

Product Description	Part Number
Aperio C100 Aust 570 Cyl SC V2 iCLASS SS Knob	C102IASCSS
Aperio C100 Aust 570 Cyl SC V2 Mifare /Desfire SS Knob	C102MASCSS
Aperio C100 European (DIN) Cylinder*	C100 EURO MET

* Aperio C100 European (DIN) Cylinder basic length is 30/30 extendable in 5mm increments up to 60mm

** Model dependant