

Aperio® P100 Wireless Padlock

Technical information

ASSA ABLOY
Opening Solutions

Experience a safer
and more open world

Convenient and flexible protection for sensitive indoor and outside areas

The ASSA ABLOY Aperio P100 is the quickest way to upgrade access control: It is fitted without wiring or drilling and works with almost any system, via Online, Offline or OSS-standard offline integration.



Flexibility

P100 protects fences, gates, storage cages, racks, containers, tool cabinets and other non-standard openings.



Easy integration

Aperio P100 works seamlessly with access control systems integrated with Aperio via the AAPD protocol or Wiegand hub. No database integration required.



Easy installation

It takes seconds to swap a mechanical padlock for an Aperio P100.



Convenience

Aperio P100 reads industry-leading RFID credentials, as well as mobile (NFC).

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Documents
and certificates

Technical data and features

①	Authentication	CARD/Mobile
	RFID technologies (based on reader type)	iCLASS, iCLASS SE, iCLASS Seos, MIFARE Classic, Mifare Classic SE, Mifare Ultralight, Mifare Plus, Mifare DESFire 0.6, Mifare DESFire EV1, Mifare DESFire EV2, Mifare DESFire EV3 (EV2 and EV3 only in Legacy mode), Mifare DESFire SE, PicoPass, ISO 14443A UID, ISO 14443B UID, ISO 15693 UID
	RFID reading	UID / Sector / Block / Application / File Segment Data – Depending on the RFID technology
	RFID reading range	Up to 4 cm
	Mobile technologies	NFC
✓	Approvals	CE, UKCA
	Dimensions	Body: 111,1 mm x 53,5 mm (H x W) - 42,5 Ø Shackle: 63,3 mm X 39,5 mm (H x W) - 8,7 Ø
	Surface	Cover case: PA 66, 20% GF. Black colour
	Battery	1 x Lithium CR2
	Battery life	10 openings per day for 27 months
	Radio standard	IEEE 802.15.4 (2.4 GHz)
	Encryption (radio communication)	AES 128 bits
	Distance between device and hub	Up to 25m depending on the building environment
	Class of protection	IP 66
	Operating temperature range	-20°C to 55°C
	Relative humidity	< 85% (condensation-free)
	Communication interfaces	Communication via radio (USB dongle) or micro-USB cable (accessory)
	Offline and Online operation modes	Aperio Online; Aperio Offline; OSS-standard Offline



For indoor and exterior use



It includes:

- 1 Padlock assembly with battery (Lithium CR2)
- Installation instructions
- Battery change tool



Communicates with:

- RS485 Communication Hub
- Aperio IP Communication Hub
- Wiegand Interface (standard and advanced versions) Communication Hub



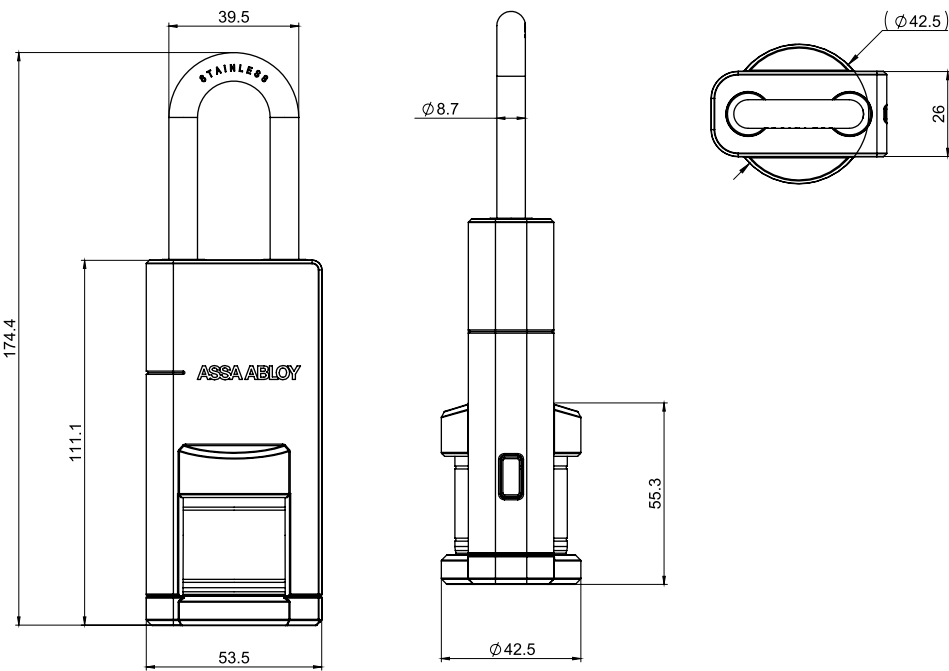
Smart Credential Handling:

Up to 1000 users can be granted access even if the EAC is temporarily down.

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Dimensions in mm



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Ordering information

Article code	Description
P100-100	Aperio V3 Padlock IP66

ASSA ABLOY Opening Solutions EMEA
Digital and Access Solutions
Dukes Court
Dukes Street
Woking GU21 5BH
United Kingdom