

The Aperio® technology at a glance

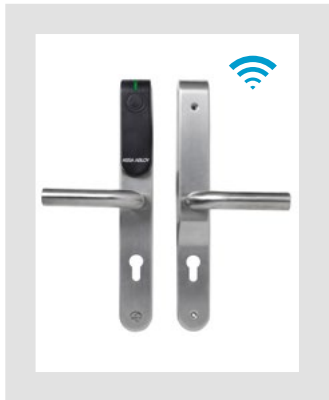
Aperio® devices



Electronic knob cylinder
with RFID-Reader functionality,
battery operated



Communication hub
Connected via Wiegand interface,
RS485 or TCP/IP network to the
EAC system



Electronic escutcheon
with RFID-Reader functionality,
battery operated





PAP-Tool
Software for installation and
programming Aperio® devices

Advantages

- Globally available technology
- Easy integration into most Electronic Access Control (EAC) systems
- Creation of access point within existing or new EAC systems without the necessity of wiring
- Wireless online communication, i.e. no need to install any wires at the door
- AES 128 encryption - radio and internal
- Open communication protocol via RS485 interface or connectable via Wiegand interface
- Escutcheon: secure electronics inside
- Cylinder: secure electronics in the core
- Handle: Slim and modern design for interior doors
- Status indication with LEDs (Red/Green/Orange)
- Battery lifetime varies by product and type of use. It can be up to 54 openings per day for 38 months
- Simple and quick installation
- Online access control - decision is made in the EAC system
- Offline access control - decision is made by the device based on information stored on user credential

Supported RFID technologies

	iCLASS® ISO 14443B	✓
MIFARE™	MIFARE classic	✓
MIFARE™	MIFARE plus	✓
MIFARE™	MIFARE DESFire	✓
	(HID PROX / EM410x) Low Frequency 125 kHz	✓
INDALA	(open format) Low Frequency	projected