

New: Aperio™ Premium Escutcheon For higher security and safety applications



ASSA ABLOY's Aperio™ Technology now enables fire and escape route doors to be integrated into new and existing access control systems cost effectively. The Aperio™ product line has been extended to include a certified premium electronic escutcheon.

This new premium version complies with requirements for many types of buildings, such as schools, stadiums or public institutions, where the use of products certified in accordance with DIN or EN standards is mandatory.

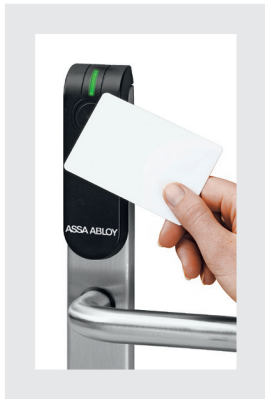
ASSA ABLOY

The global leader in
door opening solutions



High Standards. Low Costs.

Certified electronic Aperio™ escutcheon for security, fire and escape route doors



Highlights

- Available for Aperio™ online (E100) and offline (E900)
- Compatible with all (DIN) type European mortice locks
- Compatible with internal and external doorsets
- Outside handle freewheeling - inside handle always connected
- Main electronics (RFID + radio) outside - secure electronics inside

- Overload clutch mechanism
- Up to 10 override credentials/cards
- For Aperio™ online different communication hub versions available (RS485 bus to the EAC system or - connectable via Wiegand interface)
- Available for different RFID technologies:

MIFARE™
CLASSIC / PLUS








MIFARE™
CLASSIC / DESFire™

Certified in accordance with DIN or EN standards



Technical data - E100 / E900

	Approvals	CE, EN179, EN1906 (3 7 - 1 1 3 3 B), DIN18273*
	Dimensions	312 x 41 x 10/20 mm (H x W x D)
	Profiles	EURO, SWISS, BLIND
	Handle versions	U-Shape
	Finish	Stainless steel brushed
	Distance/Spindle	Distance 72 mm / 92 mm / 74 mm / 94mm, Spindle 9 mm
	Door thickness	Door leaf between 40 and 100 mm thick, in 5 mm increments
	Backset	>40mm
	Battery type	1 x Lithium CR123A (inside)
	Battery lifetime	Approx. > 40.000 cycles (for max. 3 years)
	Radio standard	IEEE 802.15.4 (2,4 GHz)
	Encryption (radio communication)	AES 128 Bit
	Distance between escutcheon and hub	Typical range of 5 m or 25 m depending on the hub type and building environments
	Class of protection	IP 54**
	Operating temperature range	-25°C to +60°C
	Humidity	<85% (condensation free)
	Status	LED (red/green/orange)
	RFID reading	UID / sector/block or application/file
	Scanning range	< 4cm

* The certification for fire rated door is only valid, if all other relevant door components are tested together with the E100 Premium.

** The protection class IP54 and the temperature range is only valid for the outside part of the escutcheon.

ASSA ABLOY is the global leader in door opening solutions, dedicated to satisfying end-user needs for security, safety and convenience

ASSA ABLOY Access Control
Willenhall
West Midlands
WV13 3PW
United Kingdom
www.assaabloy.co.uk/aperio

ASSA ABLOY