

New: Aperio™ AH30 1-to-8 communication hub For EAC connection via RS485 bus



ASSA ABLOY's Aperio™ Technology will enable mechanical doors to be integrated into access control systems cost effectively in the future.

A communications hub providing a wireless connection with up to eight doors has just been added to the Aperio™ product portfolio.

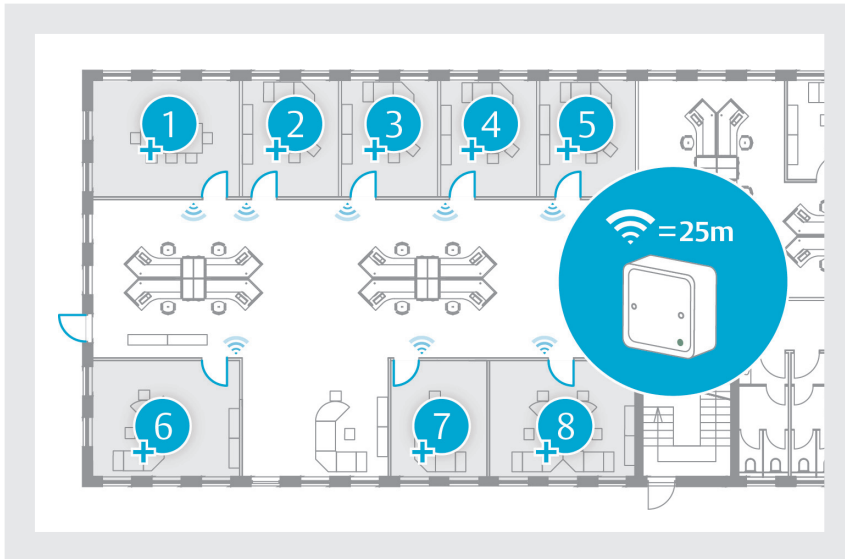
Suitable for interior doors, this hub is particularly practical for hallways with a number of adjacent corridors.

ASSA ABLOY

The global leader in
door opening solutions

More Doors. Low Costs.

Wireless and easy integration with the AH30 1-to-8 Aperio™ communication hub



Highlights

- Allows connection to up to 8 Aperio™ devices on a single hub
- Operates within a transmission range of approx. 25 metres
- Time and effort required for installation are also reduced
- Costs for each door integrated into the system are now even lower
- All radio communications encrypted using AES 128 bits
- Available for different RFID technologies:

MIFARE™
CLASSIC / PLUS








MIFARE™
CLASSIC / DESFire™












Certifications:



Technical data - AH30

	Approvals	CE, ETL, FCC, IC, C-Tick
	Safety and Emissions	FCC 47CFR Part 15 subpart B and subpart C; IC RSS-210; EN ETSI 301 489-17 v2.1.1; EN ETSI 300 328 v1.7.1; EN 60950-1 ed.2 2007; UL 294-2010; C22.2
	Dimensions	82 x 82 x 37 mm (H x W x D)
	Power supply	8 - 24 VDC
	Current	250 mA Minimum 80mA at 12VDC
	Internal antenna	2 cross polarized dipoles
	External antenna	One reverse polarity SMA external antenna connector. Optional antenna type dipole with max antenna gain of 3,9dBi.

	Radio standard	IEEE 802.15.4 (2.4 GHz) - 16 channels (11-26)
	Encryption (radio communication)	AES 128 bits
	Wireless operating range	Range of 25 metres depending upon the building environments
	Receiver sensitivity	- 100dBm 20%PER
	Wireless transmit power	10 dBm/MHz
	Class of protection	IP 20
	Operating temperature range	5°C to 35°C
	Humidity	< 95% non-condensing
	Status	LED (red/green/orange)

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

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