

# 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.

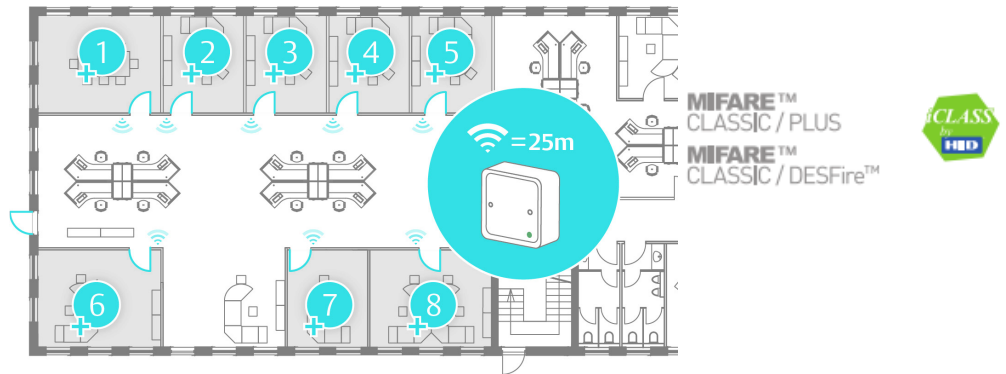
Aperio™ AH30 1-to-8 communication hub For EAC connection via RS485 bus

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.







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:

	<b>Approvals</b>	CE, ETL, FCC, IC, C-Tick	<b>Radio standard</b>	IEEE 802.15.4 (2.4 GHz) - 16 channels (11-26)
	<b>Safety and Emissions</b>	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	<b>Encryption (radio communication)</b>	AES 128 bits
	<b>Dimensions</b>	82 x 82 x 37 mm (H x W x D)	<b>Wireless operating range</b>	Range of 25 metres depending upon the building environments
	<b>Power supply</b>	8 - 24 VDC	<b>Receiver sensitivity</b>	- 100dBm 20%PER
	<b>Current</b>	250 mA Minimum 80mA at 12VDC	<b>Wireless transmit power</b>	10 dBm/MHz
	<b>Internal antenna</b>	2 cross polarized dipoles	<b>Class of protection</b>	IP 20
	<b>External antenna</b>	One reverse polarity SMA external antenna connector. Optional antenna type dipole with max antenna gain of 3,9dBi.	<b>Operating temperature range</b>	5°C to 35°C
			<b>Humidity</b>	< 95% non-condensing
			<b>Status</b>	LED (red/green/orange)

### Certifications

