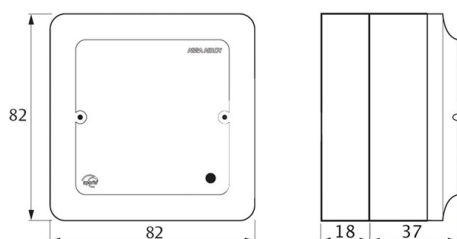


For use in indoor areas



Overview of Advantages

- Connection to the EAC system via RS485 bus (addressable). Enables connection of up to 8 Aperio® products with a hub.
- Wireless range up to 25 m
- Integrated antenna with the option to mount an external antenna
- Encrypted radio communication
- Mounting on standard switch boxes
- LED for status visualisation








Product description

- The Aperio 1-to-8 hub is used for communication between the Aperio wireless components and the SCALA EAC system. The communication takes place encrypted and in real-time.
- With the RS485 hub, a total of 8 online components can be activated, meaning that 8 doors can be managed and controlled.
- The mounting takes place on either all conventional flush-mounted casings or using a surface-mounted casing (included).
- Via an LED status display, the user receives a quick overview of the individual states of the hub, the communication and the activation process.
- The range of the transmission path to the escutcheons or cylinders is max. 25 m and can be specially aligned via external antennas.

Scope of delivery

- 1 hub with installation instructions
- Wall-mounted housing
- Fixing screws

Technical data -

	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
	Dimension	82 x 82 x 37 mm (H x W x D)
	Required power supply	250 mA Minimum 80 mA at 12 V DC
	Radio standard	IEEE 802.15.4 (2.4 GHz) - 16 channels (11-26)
	Encryption (radio communication)	AES 128 bits
	Wireless operating range	Typical range of 15-25 m depending on building environments
	Receiver sensitivity	- 100dBm 20%PER
	Wireless operating range	Typical range of 15-25 m depending on building environments
	Internal antenna	2 cross polarized dipoles
	External antenna	One reverse polarity SMA external antenna connector. Type (dipole) and not have larger antenna gain than 3,9dBi.
	Class of protection	IP 20
	Operating temperature range	5°C to 35°C
	Relative humidity	< 95% (non-condensing)
	Status	LED (red/green/orange)