AH30 1-to-8 Standard Aperio® RS485 communication hub

ASSA ABLOY

Wireless lock technology expanding access control systems
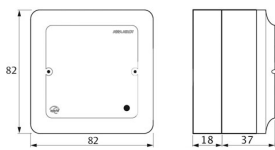
Product description
- For connection to EAC system via RS485 bus (addressable)
- Allows to connect up to 8 Aperio® devices on a single hub
- Integrated antenna with the option to mount an external antenna
- Encrypted radio communication
- For standard electrical installation boxes
- LED for status visualisation

Suitable ASSA ABLOY products
- External antenna

Scope of delivery
- 1 hub with installation instructions
- Wall-mounted housing
- Fixing screws

Technical data - Aperio® RS485 communication hub

	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)
	Rated current consumption	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 enviroments
	Receiver sensitivity	- 100dBm 20%PER
	Wireless transmit power	10 dBm/MHz
	Internal antenna	2 cross polarized dipoles
	Antenna external	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
	Humidity	< 95% (non-condensing)
	Status	LED (red/green/orange)