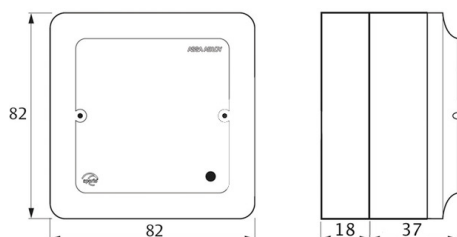


Aperio® AH40 Gen5 1 to 64 Communication Hub

Aperio® IP Communication Hub For indoor use



Product description

- For connection to EAC system via IP/Ethernet connection
- Allows to connect up to 64 Aperio® devices on a single hub
- Integrated antenna with the option to mount an external antenna
- Encrypted radio communication
- TCP/IP communication encrypted using TLS 1.1/1.2
- Powered using Power over Ethernet (PoE) or external power supply
- For standard electrical installation boxes
- LED for status visualisation
- Built in tamper switch. Detection of removal from bracket
- Firmware upgrade via UHF radio or IP network
- Event Log in the hub

Scope of delivery

- 1 hub with installation instructions
- Wall mount bracket
- Fixing screws to mount hub to wall housing.

Technical data - Aperio® IP Communication Hub

	Approvals	CB, CE, C-Tick, ETL, FCC, IC, ICASA
	Safety and Emissions	IEC 62368-1:2014 EN 62368-1:2014 + A11:2017 UL/CSA 62368-1:2014 EN 301 489-1 V2.1.1 EN 301 489-17 V3.2.0 EN 300 328 V2.2.2 EN 50130-4:2011 + A1:2014 EN 62311 FCC 47CFR Part 15 subpart B and subpart C ISED RSS-247 and ICES-003 AS/NZS 4268
	Power supply	8-24 VDC or Power over Ethernet (PoE)
	Dimension	82 mm x 82 mm x 37 mm (H x W x D)
	Required power supply	PoE: IEEE 802.3af compliant class 1 Powered device (PD) External Power supply: The power supply shall be able to deliver minimum 1.2W. The power supply shall be 3 A over current protected.
	Radio standard	IEEE 802.15.4 (2400 – 2483,5MHz), 16 channels (11-26)
	Encryption (radio communication)	AES 128 bits
	Receiver sensitivity	-100 dBm
	Wireless operating range	Typical range of 25m depending on building environments
	Internal antenna	2 cross polarized dipoles
	External antenna	One reverse polarity SMA external antenna connector. AH40 is certified to be used with ASSA ABLOY external antenna AH-ANTENNA-1. If other external antenna is used it must be of same type (dipole) and not have larger antenna gain than 3.6 dBi.
	Class of protection	IP 20
	Operating temperature range	5°C to 35°C
	Relative humidity	< 95% (non-condensing)

Aperio® AH40 Gen5 1 to 64

Communication Hub

Aperio® IP Communication Hub For indoor use



	Status	LED (red/green/orange)
---	---------------	------------------------