

Aperio® AH40 Gen5 1 to 64 Communication Hub



Aperio® IP Communication Hub For indoor use

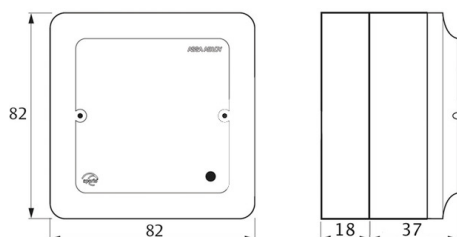
Product description

- 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

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



| | |
|--|---|
| | CB, CE, C-Tick, ETL, FCC, IC, ICASA |
| | 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 |
| | 8-24 VDC or Power over Ethernet (PoE) |
| | 82 mm x 82 mm x 37 mm (H x W x D) |
| | 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. |
| | IEEE 802.15.4 (2400 – 2483,5MHz), 16 channels (11-26) |
| | AES 128 bits |
| | -100 dBm |
| | Typical range of 25m depending on building environments |
| | 2 cross polarized dipoles |
| | 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. |
| | IP 20 |
| | 5°C to 35°C |
| | < 95% (non-condensing) |

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LED (red/green/orange)
