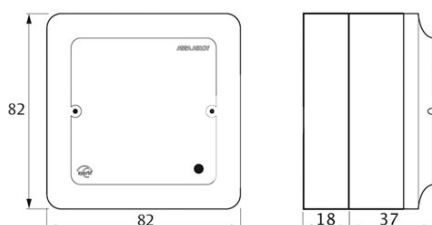




Wireless
lock technology
expanding access
control systems

Aperio™ IP communication hub



Product description

- For connection to EAC system via IP/Ethernet connection
- 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
- TCP/IP communication encrypted using TLS 1.1/1.2
- Powered using Power over Ethernet (PoE) or external power supply
- 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 3,9dBi.
- For standard electrical installation boxes
- LED for status visualisation

Scope of delivery

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

Technical data - Aperio™ IP communication hub

	Approvals (CERTIFICATION=)	CB, CE, C-Tick, ETL, FCC, IC, ICASA
	Safety and Emissions	FCC 47CFR Part 15 subpart B and subpart C, IC RSS-210, EN ETSI 301 489-17 v2.2.1, EN ETSI 300 328 v1.8.1, EN 60950-1 2006 / A11:2009 / A12:2011 / A1:2010 / AC:2011, UL 294-2010
	Dimensions	82 x 82 x 37 mm (H x W x D)
	Power supply	PoE: IEEE 802.3af compliant class 1 Powered device (PD), External Power supply: The power supply shall be able to deliver minimum 3.5 W. 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
	Wireless operating range	Typical range of 15-25 m depending on building environments
	Receiver sensitivity	-100 dBm
	Wireless transmit power:	10 dBm/MHz according to EN ETSI 300 328. Maximum spectral density
	Internal antenna	2 cross polarized dipoles
	External antenna	One reverse polarity SMA external antenna connector.
	Class of protection	IP 20
	Operating temperature range	5°C to 35°C
	Humidity	< 95% (non-condensing)
	Status	LED (red/green/orange)