

Communication HUB AH40

Aperio provides system solutions for wireless access control. Aperio was developed by Assa Abloy for easy implementation into end customer solutions access and attendance systems. The system is characterized by ease of installation and flexibility.



Functional options:	
	For connection to EAC system via IP/Ethernet connection
	Allows to connect up to 16 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

Technical parameters:	
Approvals	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 (H x W x D)	82 x 82 x 37 mm
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 3.5 W. The power supply shall be 3 A over current protected.



Technical parameters:	
Radio standard	IEEE 802.15.4 (2400 – 2483,5MHz), 16 channels (11-26)
Encryption (radio communication)	AES 128 bit
Wireless operating range	Typical range of 15-25 m depending on building environments
Receiver sensitivity	- 100dBm
Wireless operating range	10 dBm/MHz according to EN ETSI 300 328. Maximum spectral density
Internal antenna	Two port cross polarized patch antenna
External antenna	One reverse polarity SMA external antenna connector
Class of protection	IP 20
Operating temperature range	5°C to 35°C
Relative humidity	< 95% (non-condensing)
Door status	LED (red/green/orange)

