Communication Hub and EAC Interface

aperio®

The communication Hub is the link between Aperio Locks and the access control system. Depending on the type of Hub used, up to 8 locks can be paired with one Hub.

The hub communicates directly with the locks over an encrypted 2.4ghz wireless.

There are four communication hub types, Depending on the access control system you are connecting the hubs to will depend on the type of hub selected.

AH15

The AH15 utilises a standard Wiegand interface between the Hub and the access control system and is designed to communicate over a range of 5m to the lock it is paired with.

AH20

The AH20 utilises a standard Wiegand interface between the Hub and the existing access control system and in addition provides 4 relays to provide a low level interface to report, low battery, Lock Jamb, Unlocked and Lock Offline. The hub is designed to communicate with a lock within a 25m range.
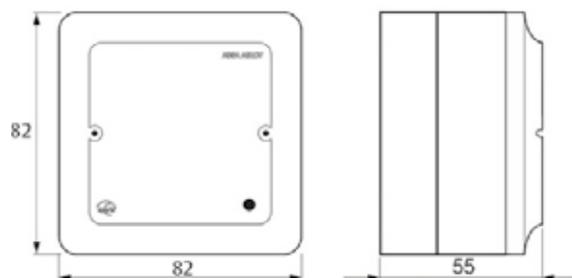
AH30

The AH30 utilises a RS-485 connection between the Hub and the access control system. The hub is designed to communicate with up to 8 locks within a 25m range.

AH40

The AH40 utilises an IP (Ethernet) connection between the Hub and the access control system. The Hub is designed to communicate with up to 8 locks within a 25m range. The AH40 can be powered via both an external power supply and POE 3.5w

Key Features

- Connect up to 8 Aperio Devices to a single hub
- Different interfaces allowing connection to a wide range of access control systems
- 128 Bit AES Encrypted Radio Communications
- Integrated antenna
- Led Status for visual indication
- Applications – Same as

AH30 1:8 RS485 Hub

AH40 IP (ethernet) Hub

Communication Hub Technical

Hub Version	Interface	Max. No. of Locks
AH15	Weigand	1
AH20	Advanced Weigand	1
AH30	RS-485	8
AH40	IP (Ethernet)	8

Ordering Information

Product Description	Part Number
AH15 Aperio 1:1 Standard Wiegand Hub	**AH15-1-0**
AH20 Aperio 1:1 Advance Wiegand Hub	**AH20-2-0**
AH30 Aperio 1:8 RS485 Hub	**AH30-3-0**
AH40 Aperio 1:8 IP(Ethernet) Hub	**AH40-4-0**