IN100

Aperio Wireless Access Control

Aperio® Hub

The IN100 lock uses short distance wireless transmission (IEEE 802.15.4, 2.4 GHz) to communicate with an Aperio hub, which is connected to an access control system via IP, RS-485 or Wiegand.

Specifications:

- Wireless Communication: IEEE 802.15.4 (2.4 GHz)
- Wireless Range: 50 feet (depending on installed environment)
- EAC Communication: IP, RS-485 or Wiegand
- Power: Powered using Power over Ethernet (PoE) or external power supply (8-24VDC)
- Security: AES 128 encryption
- Operating Temperature: 41°F (5 °C) to 95°F (35 °C)
- Humidity: < 95% maximum (non-condensing)

The Aperio hub is available in a Mercury version for completely seamless integration into Mercury-based access control systems. Please contact your Mercury-based access control provider for ordering information.

Ordering Aperio Hubs

	SERIES	HARDWARE VERSION	HARDWARE CONFIGURATION	CONFIGURATION CODE*
	AH	20: Wiegand hub; 30: RS-485 hub; 40: IP hub	W14: Wiegand 1:1; R12: RS-485 1:8; IN2: IP 1:16	NNNN
Ex.:	AH	30	R12	NNNN

*NNNN is the standard configuration code for Aperio hubs. Access Control Partners should contact 800-810-WIRE for specific ordering information

Aperio Hub Accessories:

- EXT-10-ANT Aperio External Antenna

Aperio hubs are certified for use with the ASSA ABLOY external (omnidirectional) antenna EXT-10-ANT. The external antenna may be used to obtain more even radio coverage (in the form of a doughnut) around the hub. Please note that the antenna does not extend the maximum range of the Aperio hub.

Specifications:

- For indoor use only
- Operating Temperature: 32°F (0 °C) to 113°F (45 °C)
- Humidity: < 95% maximum (non-condensing)