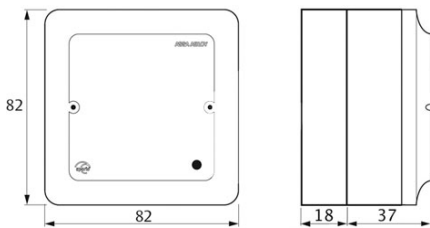




Wireless lock technology expanding access control systems

AH20 1-to-1 Advanced Wiegand Aperio™ Wiegand interface communication hub



















Product description

- For connection to EAC system via Wiegand interface
- Provides radio communication to the Aperio™ door devices
- Integrated antenna with the option to mount an external antenna
- Encrypted radio communication
- For standard electrical installation boxes
- LED for status visualisation

Scope of delivery

- 1 hub with installation instructions
- External antenna
- Fixing screws

Technical data - Aperio™ Wiegand interface communication hub

	Approvals (CERTIFICATION=)	CE, ETL, FCC, IC, C-Tick
	Safety and Emissions	FCC 47CFR Part 15 subpart B and subpart C; IC RSS-210; EN ETSI 301 489-17 v2.1.1; EN ETSI 300 328 v1.7.1; EN 60950-1 ed.2 2007; UL 294-2010; C22.2
	Dimensions	82 x 82 x 37 mm (H x W x D)
	Power supply	8 - 24 VDC
	Current	250 mA Minimum 80mA at 12VDC
	Radio standard	IEEE 802.15.4 (2.4 GHz) - 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	- 100dBm 20%PER
	Wireless transmit power	10 dBm/MHz
	Internal antenna	2 cross polarized dipoles
	External antenna	One reverse polarity SMA external antenna connector. Type (dipole) and not have larger antenna gain than 3,9dBi.
	Class of protection	IP 20
	Operating temperature range	5°C to 35°C
	Humidity	< 95% non-condensing
	Status	LED (red/green/orange)