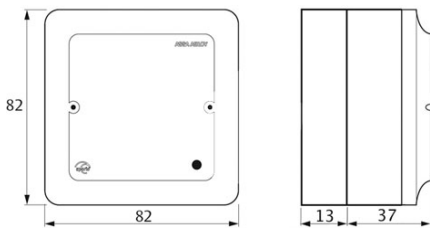




Wireless lock technology expanding access control systems

AH13 1-to-1 Standard Aperio™ RS485 communication hub



Product description

- For connection to EAC system via RS485 bus (addressable)
- Provides radio communication to the Aperio™ door devices
- Integrated antenna
- Encrypted radio communication
- For standard electrical installation boxes
- LED for status visualisation

Scope of delivery

- 1 hub with installation instructions
- Fixing screws

Technical data - Aperio™ RS485 communication hub

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|--|---|--|
| | Approvals (CERTIFICATION=) | CE |
| | Safety and Emissions | EN ETSI 301 489-17 v2.1.1 EN ETSI 300 328 v.1.7.1 EN 60950-1 ed.2 2007 |
| | Dimensions | 82 x 82 x 13 mm (H x W x D) |
| | Power supply | 8 - 24 VDC |
| | Current | 40mA at 24VDC; 80mA at 12VDC; 110mA at 9VDC |
| | 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 5 m depending on building environments |
| | Receiver sensitivity | - 100dBm 20%PER |
| | Wireless transmit power | 5 dBm Total Radiated Power |
| | Internal antenna | SMD antenna |
| | External antenna | - |
| | Class of protection | IP 20 |
| | Operating temperature range | 5°C to 35°C |
| | Humidity | < 95% non-condensing |
| | Status | LED (red/green/orange) |