

ZigBee Router

For online solutions



A Router is the network device that serves as a link between the Gateways located on the main hotel network and the lock/safe/EMS. The router send two-way information between the ASSA ABLOY Hospitality devices and the gateway. It can also serve as a repeater of information from one router to another to strengthen the signal where there are longer communication distances to cover.

The lock communicates from its RF end-node to a highly secured wireless ZigBee¹ based network of routers that relay communication to gateways connected to the hotel's general Ethernet network.

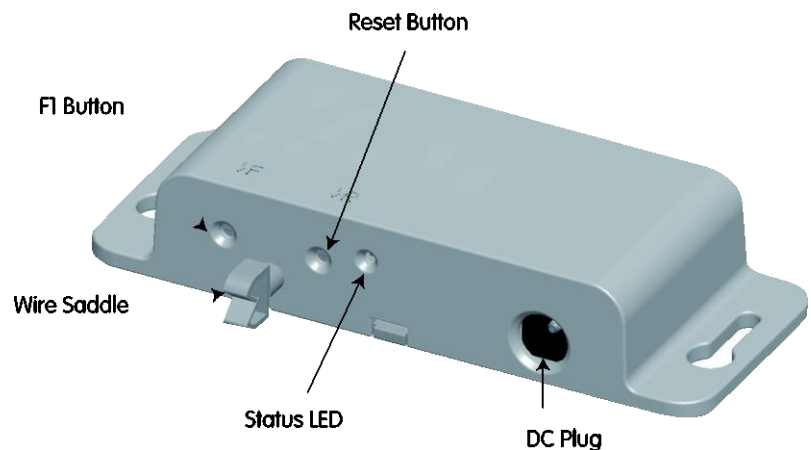
¹ The ZigBee standard is an open secured platform for transmitting data via RF-signals. The ZigBee devices have low power consumption and the standard is aimed at controlling applications with relatively low data rate.

Features

- : Compatible with VingCard electronic locks, Elsafe safes and EMS solution.
- : Designed for easy installation.
- : Flexible setup and configuration.
- : Based on IEEE 802.15.4 (Open ISM 2.4GHz-band; ISM = industrial, scientific and medical).
- : 16 Channels spread spectrum (DSSS, Direct Sequence Spread Spectrum).
- : 250kbit (~20kbit @ 1% duty-cycle).
- : Consists of a virtually unlimited number of small networks (PANs, Personal Area Networks).
- : UL94-V0 approved.
- : Flame retardant ABS.

Technical Data

	SPECIFICATIONS
Power	Powered by an external power adapter (5V DC).
Dimensions (H x L x W)	40 x 105 x 20 mm 1 37/64" x 4 9/64" x 51/64" inch
Weight	36 gr.
Power consumption	5V 100mA
Environment	Indoor use only. Temperature range +5°C to +50°C. Relative humidity 10% to 90% (non condensing).
Color	7047 RAL



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