ZigBee Gateway
For online solutions

The Gateways are the Visionline system's "traffic controllers" that bridge the VingCard wireless ZigBee[1] network with the hotel's general Ethernet. They send the information from the locks, safes or EMS to the Visionline server and bring information from the server out to the devices.
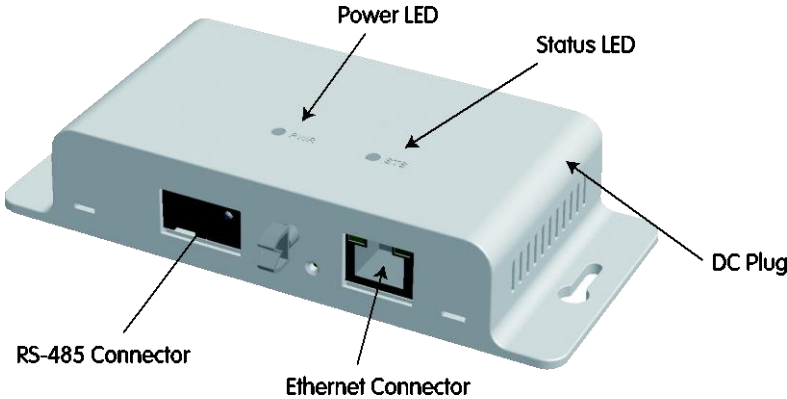
1 The ZigBee standard is an open secured platform for transmitting data via RF-signals. The ZigBee devices have low power consumption and the standard is aimed at controlling applications with relatively low data rate.

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).
: Automatic adjustment to 10 or 100 Mbit/s networks.
: Flame retardant ABS.
: UL94-V0 approved.

Technical Data

	SPECIFICATIONS
Power	Powered over Ethernet (PoE) or by a power adapter (5VDC).
Communication	Ethernet 10/100 Mbps and ZigBee
Dimensions (H x L x W)	63 x 144 x 28 mm 2 31/64" x 5 43/64" x 1 7/64" inches
Weight	116 gr.
Power consumption	5V 100mA
Environment	Indoor use only. +5°C to +50°C Relative humidity to 90% (non condensing).
Color	7047 RAL
Network	The gateway is of PoE class 1; power range 0.44-3.84W.

Power LED
Status LED
DC Plug
RS-485 Connector
Ethernet Connector