

Operational Description

This electronic door lock contains the following radio components.
Zwave+ – ZM5101

This lock integrates the Z-Wave+ IC with the Microchip PIC18F87K22-I/PTRSL IC. Z-Wave will be used by the end user to wirelessly communicate back to a bridge that will be connected to the internet allowing control of the lock from anywhere the user has access to the web.

The Zwave transceiver operates at 908.4 MHz and 916 MHz. It uses FSK modulation at 9.6 kbps and 40 kbps and GFSK at 100 kbps.