



Product Overview

The MIMO (Multiple Input - Multiple Output) Module is an interface / bridge module, capable of converting up to two digital & analog voltage & pulses inputs and/or a Z-Wave™ RF message input to one or two dry contact relay outputs and/or a Z-Wave™ RF message output. Make virtually anything speak Z-Wave™!

Features:

- Mimolite modules provide two signal inputs and two relay outputs (isolated dry contact, NO-COM-NC) and is capable of Z-Wave™ input/output control.
- System includes program switch and LEDs for status indications.
- Converts traditional wired devices into Z-Wave™ capable wireless devices.
- Associate wired device to trigger other Z-Wave™ devices and/or events.
- Connect your wired security panel/zones to Z-Wave™
- Signal Input
 - Connect digital, analog, or pulse signals.
 - Up to 16V
- Relay Output
 - Control any low voltage device
 - Up to 15A/24VDC

Common Applications:

- Flow Metering
- Motorized Window Shades
- Temperature Probes
- Garage Doors & Motorized Gates
- Soil Moisture Probes
- Wired Door Bells / Chimes
- Float Switches
- Analog Buttons
- Reed Switches
- Security Panel Zone-in
- Water Level Sensors
- Solenoid Control

Specifications:

- Power: 12-16 VDC @ ~ 300mA
- Frequency Range: 908.4MHz (US); 868.4MHz (EU)
- Distance Range: Max 100ft line of sight in unobstructed environment
- Enclosure Size (L x W x D): 3 3/8" (85mm) x 2 1/2" (64mm) x 1 1/4" (30mm)
- Weight: 4 oz (100 gram)
- Operating Temperature: -10°C (14F) to +70°C (158F)
- Input Signal 1 (SIG1): Digital or Analog Input, 0 to 16V DC, 16 Hz Max for pulse counting (min. 32 ms high or low time). The trigger levels and hysteresis can be set via the Configuration Command Class. The input can be a dry contact closure (see open/shorted characteristics in Technical Appendix).
- Input Signal Impedance Input impedance for SIG1 is Z=66 ohm at 10KHz. This impedance is = 66 ohm = 34 ohm + j 540uH.
- Output Relay 1: SPDT, Max. Switching power of 120W; 10uA to 10A; High Dielectric strength coil-contacts: 1,000 VAC;
- Open contacts: 750 VAC; Conforms to FCC Part 68 requirements; Ag + Au clad bifurcated contacts fully sealed.
- System Requirement: Any Z-Wave™ -enabled network and controller.
- Z-Wave™ Info:
 - Manufacturer ID: 0x0084
 - Product type ID: <<<<<<<<<0x0453(US) / 0x0451(EU)>>>>>>
- Generic Device Class: Generic type switch binary