

Document Number		RG_SPEC-00032	
Title		CAN Gateway	
Revision	Date	Prepared By	Change History
1.0	07/24/15	Steven Bravek	Initial release

## Introduction

This box translates all standard CAN messages from CAN bus 1 to CAN bus 2. CAN IDs 0x200 through 0x21F on CAN 1 are translated to CAN IDs 0x600 through 0x61F on CAN 2. All other standard CAN message will be sent straight through. Extended CAN ID's will not be sent out on CAN 2. CAN messages sent on CAN 2 will not be sent on CAN 1. The speed of both CAN 1 and CAN 2 needs to be 1 Mbps.

## Specifications

Part # M CAN GATEWAY  
Voltage: 6v to 18v  
Temperature: -10°C to 60°C  
CAN Bus Speed: 1 Mbps  
Weight: 141 grams

## Connection

Mating Connector: DTM-12S

- Pin 1 - Ground in
- Pin 2 - CAN LO 1
- Pin 3 - *no connection. reserved for future use*
- Pin 4 - CAN LO 2
- Pin 5 - *no connection. reserved for future use*
- Pin 6 - Ground out
- Pin 7 - Power out, 12v
- Pin 8 - *no connection. reserved for future use*
- Pin 9 - CAN HI 2
- Pin 10 - *no connection. reserved for future use*
- Pin 11 - CAN HI 1
- Pin 12 - Power in, 12v

