

# RAM 100 DC

DC High-Traffic Slide Gate Operator  
Residential/Commercial



For Class I, II, III, IV  
Vehicular Gate Operators



## Warranty

Up to 7 years on  
residential installations  
see website for more info

*We stand behind our products*



Dimensions: L: 14.5" x W: 15" x H: 22"  
Shipping Weight: 114 LBS

## Mechanics



- **Brushless DC Motor:** 24 VDC, 13 AMPS
- **Gearbox:** Commercial Synthetic Oil-Bath gearbox to promote smooth and quiet operation. Size 43, Ratio 30:1

## Power



- **115 VAC:** Single-Phase
- **Accessory Power:** 24VDC

## Design



*"Built to Last"*

- **Chassis:** 1/4" Steel, gold zinc plated to inhibit corrosion.
- **Cover:** High-impact resistant charcoal gray polyethylene plastic. Blends seamlessly with any property

## Specs



**Gate Travel/Weight**  
20' /1,800 LBS



**Temperature**  
10°F to 160°F



**Gate Travel Speed**

Variable Cycle Speed

12"/10"/8"/6" Per Second

# Product Highlight

## RAM 100 DC

### Advanced Battery Back Up System

When the battery has reached 90% of its battery life, it will then switch to Ultra Low Battery Mode. The system will then stop all gate operations preventing the battery from over- discharge damage. Through a dip switch the gate can be set to Fail Safe or Fail Secure.

### Double Sprocket \*NEW\*

Our latest models will now come with a double sprocket and two idler wheels to prevent the chain from slipping off the drive sprocket.

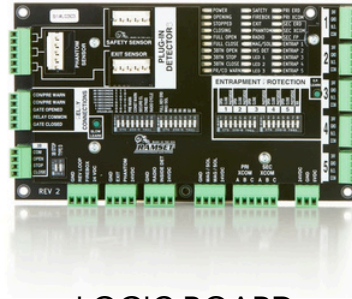
### Foot Pedal Emergency Release

Ability to open gate manually in the event of an emergency. Just shut off the power breaker, step on the foot pedal and open gate.

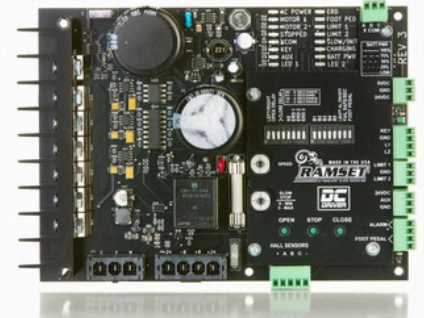
### Mechanical Limit System

Adjust limit switches quickly and accurately with our mechanical system. This helps maintain accurate gate position throughout gate travel.

## \*New\* Double Board System



LOGIC BOARD



DC DRIVER BOARD

All Ramset DC models use the same two boards

## FEATURES

### Soft Start Slow Stop

- Choose from 4 levels

### Left/ Right Switch

- Makes it easy to change the direction of the installation.

### One Pass

- Allows for gate to close immediately upon entrance.

### Close Delay

- 4 adjustment to close delay

### EP Learn

- Set up photo eyes with the push of a button

### Slow Learn Mode

- Allows for a simple slow start/ soft stop set up. Measures the lengths of travel from open to close

### Battery Back Up System

- Ultra Low Battery Mode saves 10% of your battery for emergencies.
- Includes (2) 12V, 7 Ah Batteries

### Fail Safe/ Fail Secure

- Should the operator and BBS fail; you now have the option to set up the gate to fail in the open position or to keep it shut.

## Training seminars and Webinars available for Technicians and Distributors

☒ Easy installation

☒ Reliable

☒ Durable

☒ Friendly Tech Support

☒ Made in the U.S.A.

☒ ETL listed. Conforms to UL 325 safety standards