



B.A.V.G

Vehicle Gate

Common Applications

- Parking Garages
- Shopping Malls
- Residential Estates
- Office Parks
- Toll Gates
- Factories
- Warehouses
- Parking Lots

The Rizon Vehicle Gate series ensures reliable performance, combining high-speed operation with low power consumption for efficient functionality. The integration of an OPTIC LED light strip enhances visibility, safety, and aesthetics. The break-away barrier arm system contributes to the overall durability and effectiveness of the setup. The system is equipped with a built-in battery backup, providing an additional layer of reliability.

TECHNICAL SPECIFICATIONS

INPUT VOLTAGE	100V – 240V AC \pm 10% at 50Hz / 60Hz			
MOTOR DETAIL	BLDC, 24V DC, 100W			
GEARBOX	Planetary			
MOTOR POWER SUPPLY	27.6 V DC, 4.5A, 120W			
DUTY CYCLE	100% - rated for continuous non-stop operation			
BARRIER ARM LENGTH	9.8 ft, 11.4 feet, 13.1 ft, 14.7 ft, 16.4 ft, 18 ft and 19.6 ft			
OPENING SPEED	9.8 ft - 1.1 seconds	13.1 ft - 2 seconds	16.4 ft - 2.5 seconds	19.6 ft - 3 seconds
CABINET WEIGHT	132 lbs			

BARRIER ARM DETAIL 3.38 inch x 1.69 inch, 1.5mm wall thickness, powder coated white aluminium with red reflective tape and integrated RGB LED

MANUAL OVERRIDE	Secure internal easy-pull lever arm
OPERATING TEMPERATURE	-15°C to +60°C
POWER FAILURE OPERATION	Two 12V 7Ah batteries
COLLISION DETECTION	Motor embedded hall sensors
SAFETY CONTROL	Dual channel safety loop detector and input for any external sensor
SYSTEMS INTEGRATION	<ul style="list-style-type: none"> Integrates with all access control, ticketing and time & attendance systems Triggered through a normally open dry contact Free exit loop feature built-in as standard
RELAY OUTPUTS	Open and closed relay outputs
CABINET FINISH	<ul style="list-style-type: none"> Mild steel with UV resistant exterior grade powder coat 3Cr12 stainless steel with UV resistant exterior grade powder coat ∞ * 304 grade brushed stainless steel 316 grade brushed stainless steel * <p>∞ A variety of colors are available on request</p> <p>* Suitable for corrosive environments</p>

ACCESSORIES

SAFETY	<ul style="list-style-type: none"> Dual channel loop detector (integrated as standard) Infrared beam transmitter and receiver kit (10m range) Photoelectric, diffuse sensor (3m range) - non-invasive
OPTIONAL EXTRAS	<ul style="list-style-type: none"> High security Mul-T-Lock for the barrier door Traffic light (LED type) Flashing/Solid courtesy light fitted on cabinet (activated when barrier is in use) Single or double pushbutton in plastic housing One button or three button remote control transmitter and receiver Card drop box (intelligent and unintelligent types) Reader and camera mounting boxes (special designs to customer specifications) Car and car/truck goosenecks with optional weather cowls
BARRIER ARM ACCESSORIES	<ul style="list-style-type: none"> Articulated arm kit (folding arm kit) for low ceilings (fitted under the barrier arm for maximum height clearance) Folding skirt Folding tip support for long poles



VEHICLE GATE DIMENSIONS

