

## Vehicle Parking Barrier Gate P2500/P3000/P3500

### Overview:

The P2500/P3000/P3500 Vehicle parking access barrier gate series was design for one reason only - to provide a product that is reliable, rich in functionality, and flexible. The P3000 Parking Barrier provides all the features and durability necessary to withstand the harsh vehicle access environment while allowing the installer functional flexibility and simplified setup.

### Technical:

The combination of a brushless DC servo motor and sinusoidal lever system allows for a smooth travel of the gate arm with no bounce in the end position. This technology will not only provide an aesthetically pleasing look and operation but also a reliable and durable product.



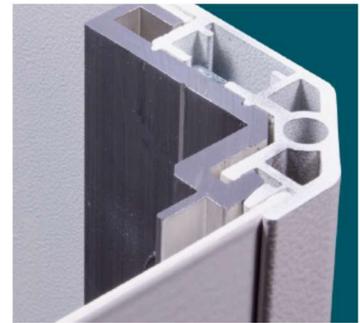
### Drive Unit:

The drive unit mechanism consists of powerful 24V BLDC-motor with a strong planetary gear, synchronized with a unique lever system that provides a smooth and controlled movement of the traffic arm. The construction is made of galvanized steel to provide the durability needed as well as protect from the environment



### Housing:

The housing was designed to withstand the harshest environments. The high grade aluminum used combined with a patent-pending clamping technology not only provides physical strength but also an effective protection against corrosion. Furthermore, the housing is powder coated to add to the corrosion protection.



### Key Barrier Features:

- Multifunction Controller
- 24VDC Brushless Servo motor with planetary gear
- 88-264VAC 47-63Hz
- 100% Duty Cycle
- UL/ETL/CAN/CSA 325 Certified
- CE Certified
- Speed 1.3 sec up to 2.5 sec depending on the settings
- 3 loop detectors
- Adjustable "Gate Open" position for low ceilings or obstructions
- LED Light interface logic
- None corrosive housing made of powder coated aluminum



- Easy installation and service (prewired terminal row, power outlet inside the barrier).
- Vandalism protection to prevent damage and reduce cost for repair.
- Left handed and right handed version setup in the field within minutes
- Traffic light logic
- Auto reverse feature in case an object has been hit
- Manual emergency release
- Efficient space available inside housing for additional components
- Operating temperature range -22°F up to + 158°F
- 24 month warranty
- Includes gate arm with protective edge



## Technical Data:

Model	P2500	P3000	P3500
Controller	Multifunction MO24	Multifunction MO24	Multifunction MO24
Gate arm Length	8FT (2.5 Meter)	10 FT (3.0 Meter)	12 FT (3.5 Meter)
Speed in one direction	Adjustable 0.9/1.3/1.8sec.	Adjustable 1.3/1.8/2.5sec.	Adjustable 1.8/2.5/3.8sec.
Duty Cycle	100%	100%	100%
Housing L/W/H	14"/12"/43" (360mmx300mmx1100mm)	14"/12"/43" (360mmx300mmx1100mm)	14"/12"/43" (360mmx300mmx1100mm)
Traffic arm position	Left or Right	Left or Right	Left or Right
Operating Temperature	-22°F – 158°F (-30°C – 70°C)	-22°F – 158°F (-30°C – 70°C)	-22°F – 158°F (-30°C – 70°C)
Supply Voltage	88VAC-264VAC, 47Hz-63Hz	88VAC-264VAC, 47Hz-63Hz	88VAC-264VAC, 47Hz-63Hz
Power consumption Max. (W)	Speed 0.9 sec.180W/Speed 1.3 sec. 55W/Speed 1.8sec. 70W	Speed 1.3 sec.85W/Speed 1.8 sec. 80W/Speed 2.5sec. 70W	Speed 1.8 sec.80W/Speed 2.5sec. 60W/Speed 3.8sec. 65W
Weight	Approx. 128lbs (57kg)	Approx. 128lbs (57kg)	Approx. 128lbs (57kg)
Gate arm weight	Approx. 13lbs (3.8kg)	Approx. 14lbs (3.8kg)	Approx. 15lbs (3.8kg)
Color	Standard: <ul style="list-style-type: none"> <li>• RAL5010 white base and door with RAL5022 blue top</li> <li>• RAL5010 white base and door with RAL5022 blue top</li> <li>• Optional: Custom colors</li> </ul>	Standard: <ul style="list-style-type: none"> <li>• RAL5010 white base and door with RAL5022 blue top</li> <li>• RAL5010 white base and door with RAL5022 blue top</li> <li>• Optional: Custom colors</li> </ul>	Standard: <ul style="list-style-type: none"> <li>• RAL5010 white base and door with RAL5022 blue top</li> <li>• RAL5010 white base and door with RAL5022 blue top</li> <li>• Optional: Custom colors</li> </ul>