

ProBG8000 Series Parking Barrier

High speed, high performance and reliable stability



The ProBG8000 series is a new generation of servo parking barrier. It adopts an efficient and reliable servo planetary reduction motor mechanism with a MCBF of up to 10 million times and a longer life. It has a built-in RGB appearance interactive design and can adjust a variety of colors and effects to indicate the switch status. It adopts servo the mainboard has high-precision control and operates more stably.

Suitable for high-intensity traffic flow and is used in super shopping malls, commercial districts, tourist attractions, government agencies, residential apartments, factories, schools, hospitals and other solution.

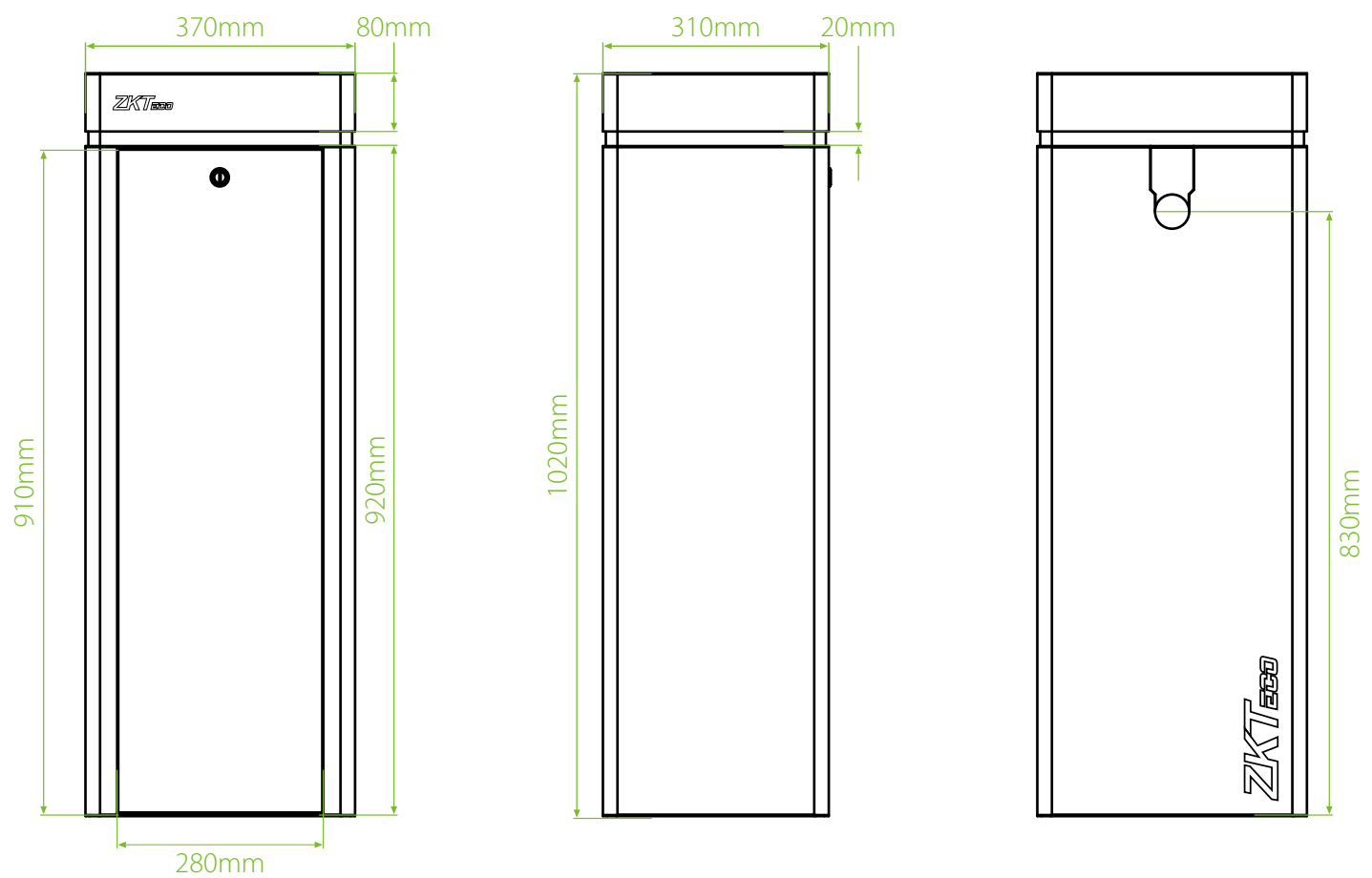
Features

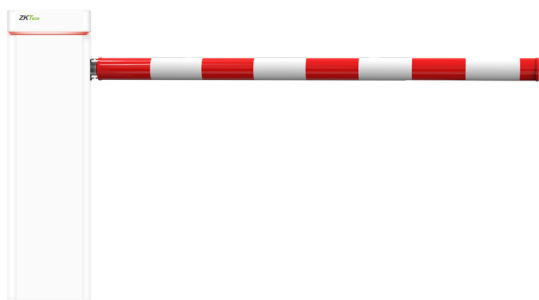
- The opening speed can reach up to 0.3s - 0.6s, and the MCBF can reach 10 million times for DC brushless servo planetary reducer transmission mechanism.
- Dynamic RGB appearance design, personalized interactive response to device switch status.
- 2.0mm thick cold-rolled steel plate used double-layer powder spraying and electrophoresis technology process. It meets IP54 for outdoor use and is rust-resistant and UV-resistant, will not rust within 5 years.
- Carbon fiber round barrier boom with anti-collision design, resulting in better traffic efficiency.
- Support anti-collision and pole-off function.
- Support rebound function when encountering obstacles.
- The servo mainboard has multiple I/O interfaces such as radar detect, infrared, and RS485, a digital button debugging board, and supports overcurrent/overvoltage/overload protection.
- Optional Bluetooth module is available, supporting quick debugging via the app.
- Optional equipped with an Ethernet module, which supports remote configuration using PC tools, status monitoring, upgrade and other functions.
- Adapt to various high and low temperature conditions in outdoor environments, with greater reliability.

Specifications

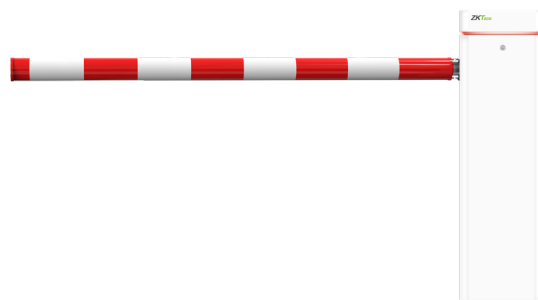
Model	ProBG8000L/R
Operating Speed	0.3s~6s(adjustable)
Boom Length	ProBG8030L/R: ≤3m ProBG8045L/R: ≤4.5m ProBG8060L/R: ≤6m
Boom Type	Circle straight boom/Telescopic boom
Motor Type	24V DC brushless servo motor
Rated Speed	850pm
Rated Power	400W
Rated Current	<20A
Operating Voltages	DC 24V
Power Supply	Input: AC110V/220V±10% 50/60Hz, Output: DC24V 20A
MCBF	10 million times
Remote Control Distance	≤50m
Operating Temperature	-40℃ ~ 80℃
Operating Humidity	<90%
Protection Level	IP54
Duty cycle	100%
Chassis Dimensions(mm)	370×310×1020mm
Net Weight(excluding the barrier arm)	50kg

Dimensions



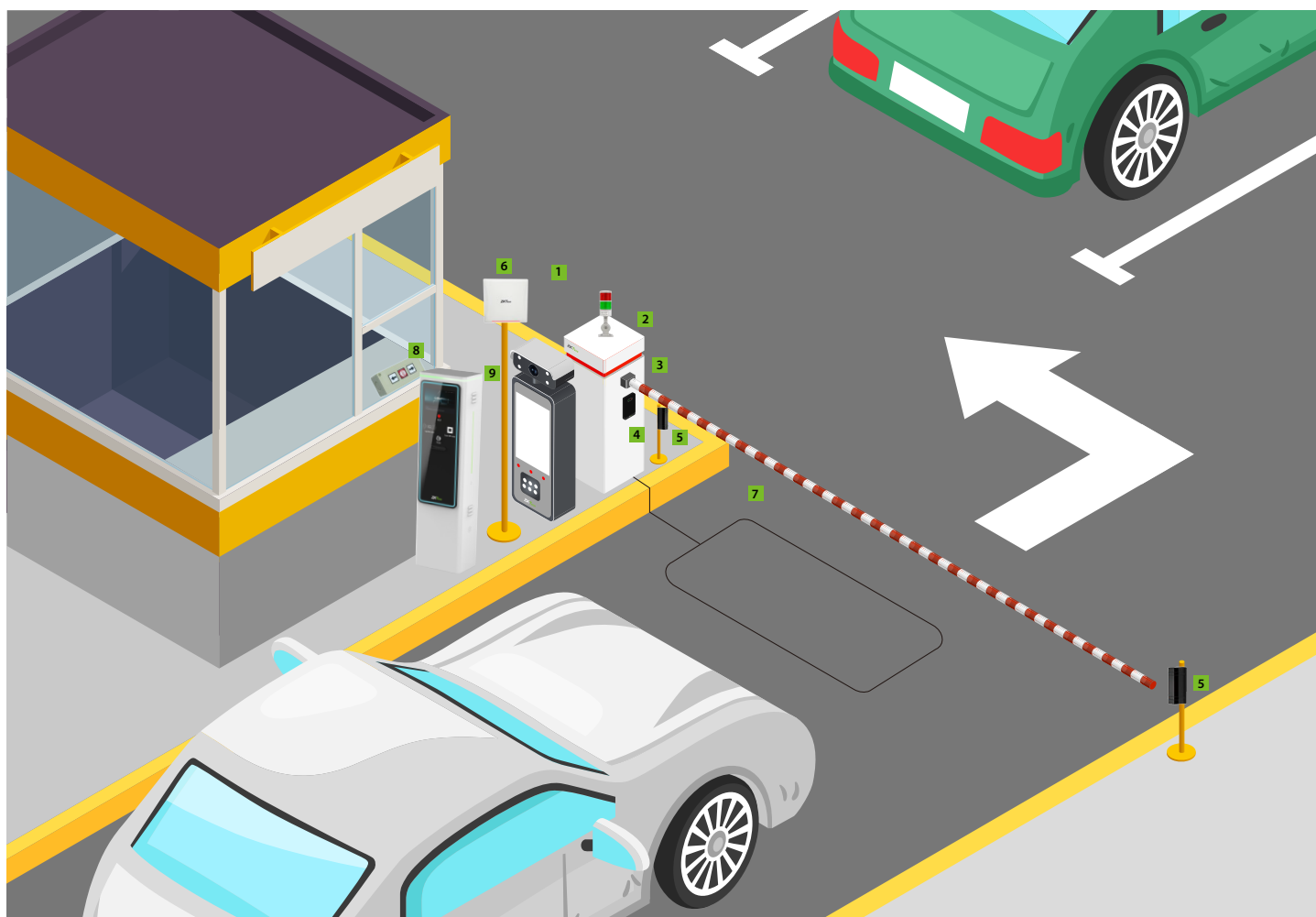











L:The chassis on the left, the boom on the right



R:The chassis on the right, the boom on the left

Related Products



<p>1</p>  <p>LPRS8000</p> <p>For the management of entrance and exit channels</p>	<p>2</p>  <p>Parking Warning Light</p> <p>For the traffic indication</p>	<p>3</p>  <p>VR 30</p> <p>For safety detection and automatic closing trigger</p>	<p>4</p>  <p>PSA02 Vehicle detector</p> <p>For safety detection and automatic closing trigger</p>	<p>5</p>  <p>PSA26 Photocell</p> <p>For anti-smash detection</p>	<p>6</p>  <p>UHF 5/10 Pro</p> <p>For the management of entrance and exit channels</p>	<p>7</p>  <p>PSA03 Loop coil</p> <p>For vehicle detection(Use with PSA02)</p>	<p>8</p>  <p>Manual Button</p> <p>For emergency switch control</p>	<p>9</p>  <p>Ticket Dispensers</p> <p>Manage parking lot entrances and exits</p>
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