SPB Pro Parking



ZKTeco launches SPB Pro Parking, a powerful all-in-one integrated solution based on a high-performance parking barrier, a vehicle detection radar, and a license plate recognition camera with embedded software, to fulfill all the requirements of advanced vehicle access control for parking installation projects.

System elements



Boom Barrier

Superior reliability with 3 million MCBF of cycles which provide flexibility when installing third-party items such as traffic lights or keypads.

Vehicle Radar

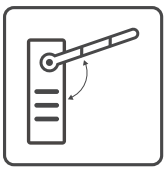
VR10 vehicle detection radar provides safety during the passage of vehicles. It offers a more flexible installation in comparison to inductive loops.

LPR Camera

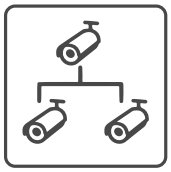
A versatile license plate recognition camera with embedded software that ensures superior performance. Suitable for outdoor installation.

Benefits of our solution

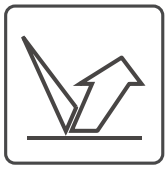
- **Save installation time:** Avoid extra wiring and foundations for induction loops.
- **Cost-effective:** All-in-one integrated parking solution from a unique provider.
- **Scalable solution:** Connect new devices to your system with quick set-up configuration.
- **Ready to assemble:** No drilling or additional fixing is required between devices.
- **License-free:** No additional software required.
- **Comprehensive solution:** Identification of license plates from over +80 countries around the world.
- **Versatile:** From heavy-duty applications to outdoor installations.
- **Secure:** High-accuracy devices to control and prevent vehicles and people from running into obstacles.



Adjustable angle of rise/fall



Scalable solution with primary / secondary cameras



Automatic obstacle detection



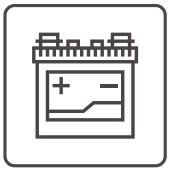
Reversible boom direction



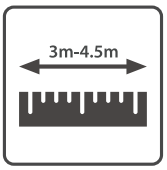
DC 24V brushless motor with encoder



Adjustable opening and closing speed



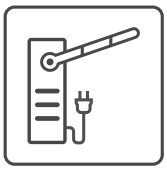
Backup battery connection



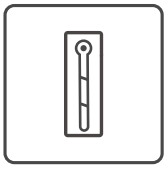
Barrier arm's length from 3m to 4.5m



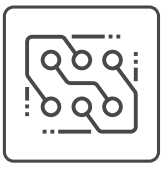
Access lists for multiple events configuration



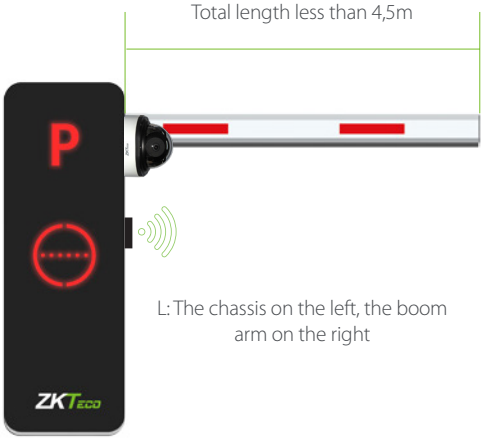
Emergency opening



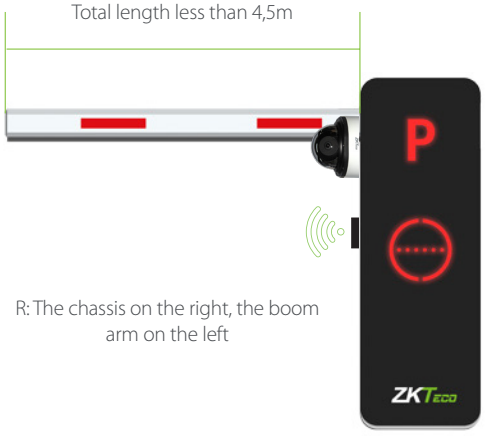
Automatic delay closing



Embedded programmable controller



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



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

Recognition features

- Supports vehicle and people detection.
- High accuracy OCR.
- Adjustable detection distance from 1m – 6m.
- LPR system for moving vehicles (up to 20 km/h) or stopped (Stop & Go).
- Resistant to adverse weather conditions.
- Duplicate license plate filtering.



Allows integration with server / cloud based solutions

LPR software embedded in the camera

OCR conversion directly in the camera

Supports 3rd party integration (Milestone and Lenel)

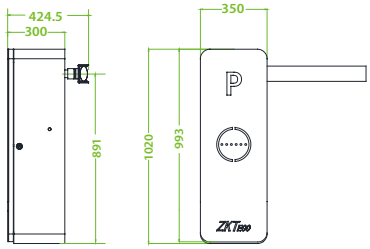
Identifies plates from more than 80 countries

Supported Countries

Abu Dhabi
Andorra
Angola
Argentina
Australia
Austria
Azerbaijan
Bahrain
Barbados
Belarus
Belgium
Bermuda
Bolivia
Bosnia and Herzegovina
Botswana
Brazil
Bulgaria
Burkina Faso
Cameroon
Canada
Chile
Colombia
Costa Rica
Croatia
Czech Republic
Denmark
Dominican Republic
Dubai
Ecuador
EEUU
El Salvador
Estonia
Finland
France
Germany
Ghana
Gibraltar
Greece
Guatemala
Honduras
Hong-Kong
Hungary
India
Indonesia
Ireland (ROI)
Israel
Italy
Jamaica
Kenya
Kuwait
Latvia
Lebanon
Lithuania
Macau
Malaysia
Mexico
Morocco
Netherlands
New Zealand
Nicaragua
Nigeria
Norway
Oman
Panama
Paraguay
Peru
Philippines
Poland
Portugal
Qatar
Romania
Russia
Saudi Arabia
Senegal
Singapore
Slovenia
South Africa
Spain
Sweden
Switzerland
Taiwan
Tanzania
Trinidad and Tobago
Tunisia
Turkey
Uganda
Ukraine
United Kingdom
Uruguay
Venezuela
Vietnam

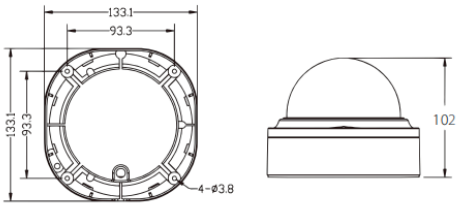
Specifications





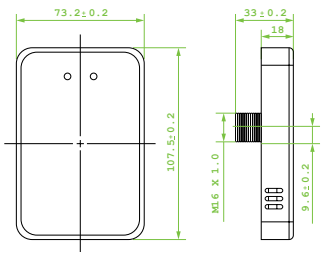
Model	BG1030L/R	BG1045L/R
Operating Speed	1.5s	2.5s
Boom Arm Length	3m	4.5m
Chassis Dimensions (W*L*H)	350*300*1020 (mm)	
Motor Type	DC 24V brushless motor	
Motor MCBF	3 million times	
Output Power	120W	
Rated Current	6A	
Power Supply	AC 220V, 50Hz / AC 110V, 60Hz	
Remote Control Distance	≤30m	
Operating Temperature	-35°C to 70°C	
Operating Humidity	<90%	
Chassis Weight	45kg	





Model	DL-852Q28B
Sensor	1/2.8" 2MP sensor
Video compression	H.265+ triple stream encoding
Lens	High-quality optical lens 3.35-10.05mm
IR Distance	30m IR effective range
Power	Built-in PoE
Video features	Motion detection; day/night; WDR; white balance; mirror/flip
ROI	4 areas
Micro-SD Slot	Support (max 128GB)
Working temperature	-30°C ~ +60 °C
Power Consuption	<3W
Protection Rate	IP67 metal casing





Model	VR10
Detection Distance	1 - 6m
Working Frequency	79GHz
Working Voltage (V)	DC 10 - 16V
Working Current	0.2A
Power Consumption (W)	2.5
Transmitter Power Output	12.5dBm
Antenna Gain	10dBi
Interface	RS485, Relay
Product Size (mm)	107.5 * 73.2 * 18
Package Dimensions (mm)	166 * 94 * 97
Net Weight	228.4g
Working Temperature (°C)	-40°C ~ 85°C
Protection Rate	IP67

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