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.
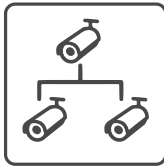
LPR Camera

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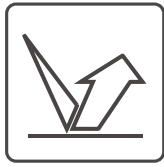
Benefits of our solution

- **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.
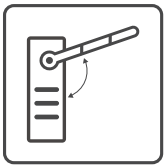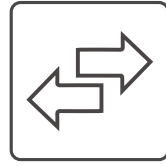
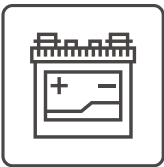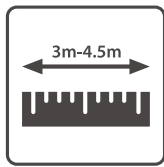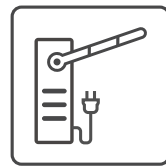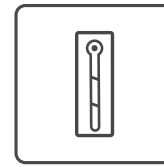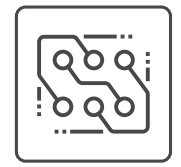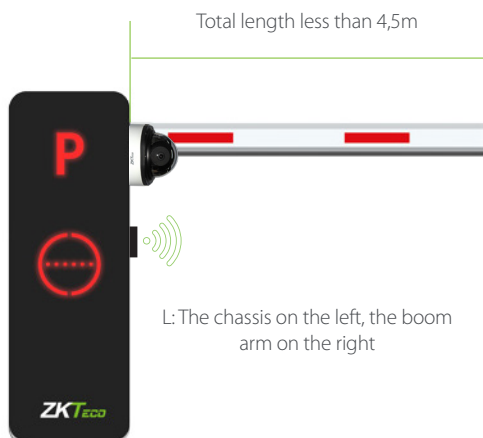|					
Adjustable angle of rise/fall	Scalable solution with primary / secondary cameras	Automatic obstacle detection	Reversible boom direction	DC 24V brushless motor with encoder	Adjustable opening and closing speed
Backup battery connection	Barrier arm's length from 3m to 4.5m	Access lists for multiple events configuration	Emergency opening	Automatic delay closing	Embedded programmable controller

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

Total length less than 4,5m

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

Total length less than 4,5m
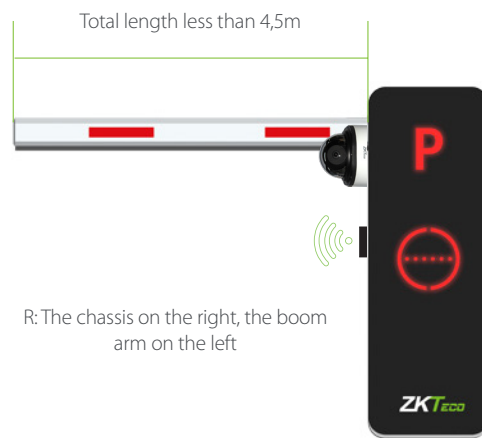
Recognition features

- 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.

2021 LPR

Reading
2021LPR

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

Specifications
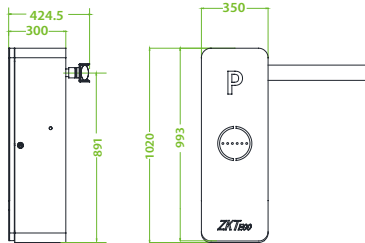
Model	BG1030L/R	BG1045L/R
Operating Speed	1.5s	2.5s
Boom Arm Length	3m	4.5m
Chassis Dimensions (W*L*H)	350*300*1020 (mm)	
Motor Type	DC 24V brushless motor	
Motor MCBF	3 million times	
Output Power	120W	
Rated Current	6A	
Power Supply	AC 220V, 50Hz / AC 110V, 60Hz	
Remote Control Distance	≤30m	
Operating Temperature	-35°C to 70°C	
Operating Humidity	<90%	
Chassis Weight	45kg	
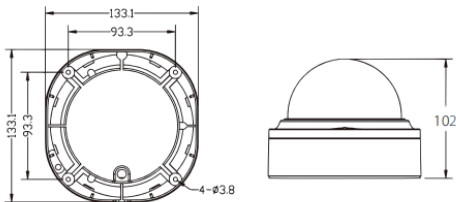
Model	DL-852Q28B
Sensor	1/2.8" 2MP sensor
Video compression	H.265+ triple stream encoding
Lens	High-quality optical lens 3.35-10.05mm
IR Distance	30m IR effective range
Power	Built-in PoE
Video features	Motion detection; day/night; WDR; white balance; mirror/flip
ROI	4 areas
Micro-SD Slot	Support (max 128GB)
Working temperature	-30°C ~ +60 °C
Power Consuption	<3W
Protection Rate	IP67 metal casing
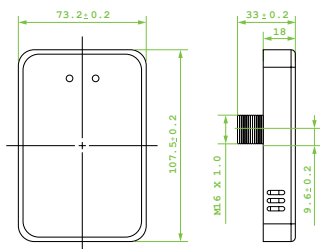
Model	VR10
Detection Distance	1 - 6m
Working Frequency	79GHz
Working Voltage (V)	DC 10 - 16V
Working Current	0.2A
Power Consumption (W)	2.5
Transmitter Power Output	12.5dBm
Antenna Gain	10dBi
Interface	RS485, Relay
Product Size (mm)	107.5 * 73.2 * 18
Package Dimensions (mm)	166 * 94 * 97
Net Weight	228.4g
Working Temperature (°C)	-40°C ~ 85°C
Protection Rate	IP67