ZK-LPR Car ID

License Plate Recognition Camera



ZK-LPR Car ID is based on BL-852Q38A-LP, ZKTeco's high-performance camera with embedded License Plate Recognition application.

The license plate recognition algorithm is executed inside the camera avoiding the use of computers in access control, tolling and weighing scenarios. The License Plate Recognition engine can identify license plates from over 80 countries around the world.

ZK-LPR Car ID is next step in ZKTeco's access control system technology for an efficient and simple vehicle access management, delivering, faster & easier set-up and allowing customers to achieve high performance with lower installation, maintenance and off-site programming costs.

- Allows integration with server / cloud based solutions
- LPR software embedded in the camera
- Access lists for multiple events configuration
- Scalable solution with primary / secondary cameras
- OCR conversion directly in the camera
- Supports 3rd party integration (Milestone and Lenel)
- Identifies plates from more than 80 countries

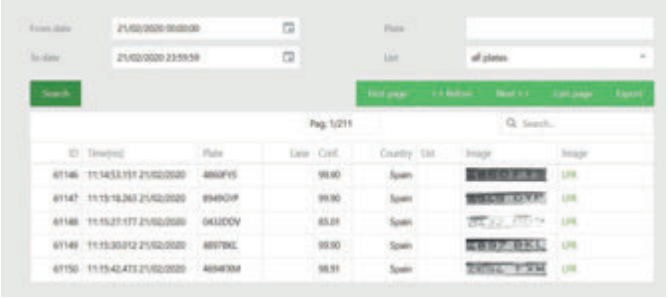


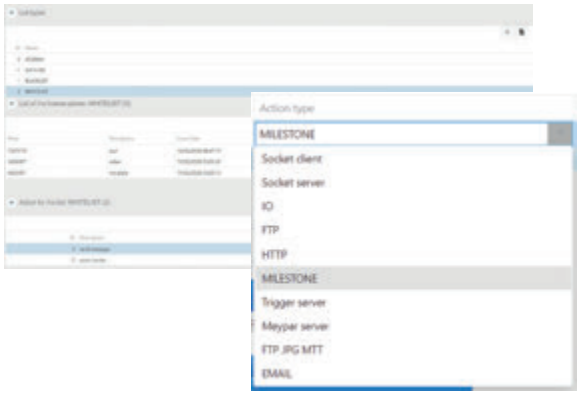
Live View

ZK-LPR Car ID allows real-time monitoring of alphanumeric license plates captured by the camera, issuing reports with plate recognition data. Optimized memory storage available.

Monitor and review license plate recognition history data

The licences plate recognition history data can be stored for retrieval and review. Different filters can be enabled for this purpuse, such as: Date, time, country of origin.





Configure lists and linkage actions

The system allows to create an unlimited number of event lists and assign different actions like, for example, opening/closing barriers sending a signal via HTTP or simple integrations with 3rd party companies like Milestone or Lenel. All linkages can be activated by limited time periods and lists can be exported or imported from other devices.

LPR Configuration

The system supports plate detection from different regions and countries. Country license plate detection is configurable as well as the performance of the camera according to the environment.

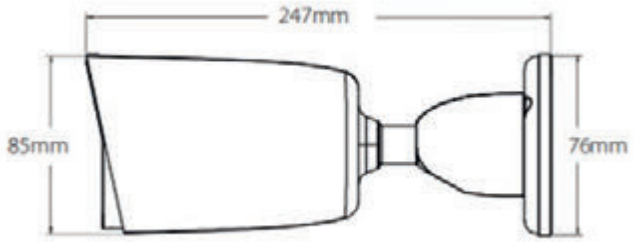




Recognition features

- 98% or bigger reliability rating on LPR
- Recognition of 2-line vehicle plates
- Duplicated license plate filtering
- Access Control Linkage with ZKTeco Parking barriers
- LPR from vehicles in movement (up to 20 km/h) or stopped (Stop & Go).

Dimensions



Supported Countries

Spain
Portugal
France
Italy
United Kingdom
Greece
Ireland (ROI)
Germany
Andorra
Poland
Bulgaria

Netherlands
Estonia
Bosnia and Herzegovina
Romania
Belgium
Norway
Denmark
Sweden
Finland
Gibraltar
Switzerland

Austria
Slovenia
Hungary
Czech Republic
Belarus
Ukraine
Croatia
Lithuania
Latvia
Chile
Colombia

Brazil
Argentina
Mexico
Ecuador
Venezuela
Peru
El Salvador
Bolivia
Uruguay
Guatemala
Panama
Paraguay

Costa Rica
Dominican Republic
Honduras
Nicaragua
Bermuda
Trinidad and Tobago
Barbados
Jamaica
Russia
Turkey

Vietnam
Indonesia
Philippines
Malaysia
Singapore
Israel
Lebanon
Hong-Kong
Macau
India
Taiwan
Bahrain

Abu Dhabi
Dubai
Azerbaijan
Kuwait
Qatar
Saudi Arabia
Oman
South Africa
Morocco
Tunisia
Angola
Senegal

Nigeria
Uganda
Burkina Faso
Tanzania
Kenya
Botswana
Ghana
Cameroon
EEUU
Canada
Australia
New Zealand

Specifications

Camera			
Model	BL-852Q38A-LP	Flash	512 Mb
Image Sensor	1/2.8" Sony STAVIS CMOS	IR LED No.	2 (Smart IR)
Effective Pixels	1920* 1080	IR Distance	50m
Min. Illumination	Color: 0.001Lux@F1.7 (AGC ON)	S/N Ratio	> 52dB

Lens			
Lens Type	Motorized	Aperture	F1.7 ~ F3.0
Mount Type	Board-in	FOV	38° ~ 107°
Focal Length	3.35mm ~ 10.05mm	Optical Zoom	3X

Video			
Compression	H.265+/H.265/H.264	WDR	TWDR
Resolution	1080P(1920*1080)/1.3MP(1280*960)/720P(1280*720) Q720P(640*360)/CIF(352*288)	Day/Night	Support
Bitrate Control	CBR/VBR	White Balance	Support
Bitrate	H.265+:1536Kbps-7Mbps H.265:1536Kbps-7Mbps H.264:1792Kbps-9Mbps	Defog	Support
Multi-Streaming	Main Stream:1080P@25fps	Noise Reduction	3D DNR
	Sub Stream: Q720P@25fps	Mirror/Flip	Support
	N/A	Corridor Mode	Support
Motion Detection	Support	HLC	Support
Digital Zoom	Support	BLC	N/A
Audio Compression	G7.11u	ROI	4 areas
Privacy Mask	5 areas	Anti-flicker	Support

Network			
Protocol	TCP/IP, UDP, HTTP, DHCP, RTSP, DDNS, NTP, PPPoE, UPnP, SMTP	Management Software(VMS)	AntarVis 2.0
Interoperability	ONVIF, SDK, API	Operation System	Windows
Max. Online Users	5	Mobile APP	AntarView Pro
Web Browser	IE/Firefox/Chrome/Safari	P2P Cloud Service	Support

Interface			
Ethernet	1 RJ-45 port (10/100Mbps)	Reset Button	Support
Audio I/O	1 in / 1 out	Micro-SD Slot	64GB MicroSD card included
Alarm I/O	2 in / 1 out	ANR	Support
RS485	Support	USB	N/A

General			
Power Supply	PoE (IEEE802.3af), DC 12V±10%	Working Humidity	10% ~ 90%
Power Consumption	< 3W	Working Temperature	-30℃ ~ +60 ℃
Ingress Protection	IP 67	Net Weight	0.50 kg
Dimensions	247(L)*85(W)*76(H)mm	Gross Weight	0.64 kg

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