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)

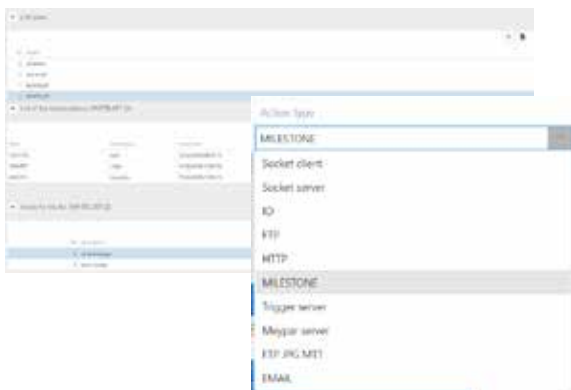Identifies plates from more than 80 countries

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.
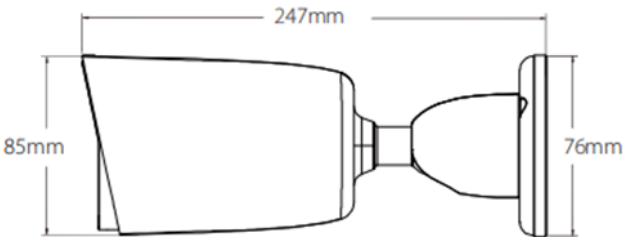
Reading
2020LPR

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

247mm

85mm

76mm

Supported Countries

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

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

IVA

Intelligent Video	Face Recognition/ Line Crossing/ Intrusion/ Object Left/ Lost/ Counting/ Video Shelter/ Scene change/ Audio Detection/ Fire Detection/ VQD

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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