

LRM300

New License Plate Recognition Camera with Embedded Deep Learning LPR Algorithm



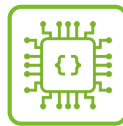
LRM300 is ZKTeco's new generation of license plate recognition cameras adopting a 0.5 TOPS chip and an embedded deep learning algorithm. The camera can provide more advanced and faster license plate recognition performance, widely adaptable to parking and access control environments.

Moreover, LRM300 can operate independently offline after being imported the allowlist and blocklist data via a web browser, which usually applies in monthly parking management, especially under scenarios like the factory, governmental building, residential area, etc. All captured pictures and recordings would be saved in the camera.

Features



Embedded Deep Learning
LPR Algorithm



AI Chip with 0.5 TOPS



Embedded Allowlist and
Blocklist



ONVIF Protocol,
for Video Surveillance



Free SDK and push protocol
supporting 3rd-party integration



3 MP

Specifications

Model	LRM300
License Plate Recognition Specifications	
Platform	HiCV500
License Plate Number Recognition Accuracy Rate	Day ≥ 99%, night ≥ 99%
Recognition Speed	≤100ms
Classification	License plate number
Adaptable Speed of Car	Up to 10 km/h
Recognition Distance	3m to 10m (the recommended distance is 3m to 5m)
Output Information	License plate number, License plate picture, Access time
Supported Regions	India, Thailand, Argentina, Mexico, Chile, Colombia, Saudi Arabia, Brazil, Peru, Mongolia, Turkey, Egypt, Korea, Mainland China, Indonesia, United Arab Emirates, Myanmar, Spain, Russian, Vietnam, Cambodia, etc.
Offline Working Parameters	
Allowlist	1,000
Blocklist	1,000
Monthly Parking	8,000
Entry and Exit Records	10,000
Captured Pictures	10,000
Camera Parameters	
CPU	Dual-core CPU A7@900MHz, 0.5TOPS
Flash	128MB
Image Sensor	1/2.8" 3MP CMOS sensor
Illumination	0.1Lux (Default)
Lens	Autofocus (from 3.2mm to 11.1mm)
Resolutions	2304*1296P, 1920*1080, 1280*720P, 704*576P
Compression	H.264 / H.265 / MJPEG
Frame Rate	1 to 25 frames; 25 frames by default (1920*1080 pixels)
Pixels	3MP
Communication Protocol	TCP/IP (10/100Mbps), RTSP, ZKTECO, P2P, PUSH
I/O Interface	Two relays, RS485, AUX I/O, Barrier status input, Wiegand in and out
SD Storage	Default 8GB, maximum support 128GB
Picture Format	JPG
Recognition Trigger	Video trigger (by default), loop detection
Protection Level	IP65
Working Voltage	12V DC
Power	≤7.5W
Working Temperature	-30°C to 70°C
Working Humidity	≤90%
Dimensions (L*W*H)	460 * 156 * 120 (mm)
Weight	2.5kg

System Topology



Applications



Communities



Business Centers



Governmental Buildings



Industrial Parks

Accessories



LPR-Fixed Column



LPR-Fill Light



LPR-Display Screen (Optional)

