LobiBox

PRODUCT DATASHEET

License Plate Recognition

LB-ANPR



Easily Connect LobiBox with LPR

For seamless, automatic access to your property

The LobiBox LPR Camera features a high-performance CMOS image sensor and processor for continuous 24/7 metadata extraction. Intelligent deep learning algorithms recognize license plates, including unlicensed vehicles, as well as vehicle type, brand, and color.

The camera includes a motorized vari-focal lens, built-in LED, and signal, data, and communication ports to control external devices such as entry and exit barriers and alarms. An all-in-one structure with junction box and bracket simplifies installation, and intrusion and loitering detection triggers light and voice alerts when perimeter events occur.

Key Features

24/7 Image Sensor
Capture all activity at the entrance.

Outdoor-Rated
IP67 and IK10 rated.

AI Learning
Learns vehicles, type, brand, and colors.

Intrusion Detection
Supports intrusion and loitering detection.

High Resolution
Captures video and images in 4K resolution.

Lowlight Sensor
Automatic Starlight light sensing.



COMMON APPLICATIONS Vehicle Access Control • License Plate Monitoring • Perimeter Security • Traffic & Parking Management

Technical Specifications

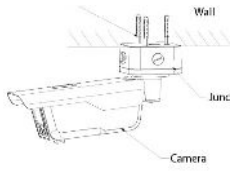
IMAGE	
IMAGE	1/1.8" CMOS, 2688 x 1520
MAX. DETECTION SPEED	75 MPH
VIDEO CAPTURE FORMAT	MP4 / MJPEG
ROM / RAM	4 GB / 1 GB
LENS	8mm-32mm Vari-Focal Lens
FIELD OF VIEW	H: 39.9° V: 21.8° D: 46.6°
WIEGAND	1 Channel, 26-bit
ILLUMINATOR	Dual, Smart Illumination

AUDIO & I/O	
BUILT-IN MIC	Yes
BUILT-IN SPEAKER	Yes
AUDIO OUTPUT	1 Channel (RCA Port)
ALARM INPUT	2, Optocoupler Input
ALARM OUTPUT	2, Relay Output

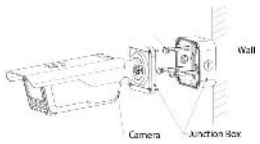
VIDEO & FUNCTION	
MAIN STREAM	4K (2688x1520), 1080p, 720p
STORAGE	Built-in TF Card Port
CAPTURE DISTANCE	26 ft - 98 ft
AI RECOGNITION	Vehicle type, signs, color, plate, vehicle without plate

NETWORK & POWER	
NETWORK PROTOCOL	HTTP, HTTPS, 802.1x, TCP, ARP, RTSP, RTP, UDP, RTCP, SMTP, FTP, DHCP, DNS, IPv4/v6, NTP, SFTP, DDNS, SNMP, PPPoE
COMMUNICATION BAND	433 MHz; 868 MHz
POWER SUPPLY	12VDC, 2A

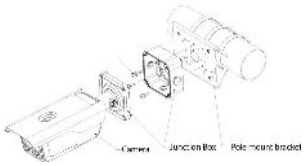
CEILING MOUNT



WALL MOUNT



POLE MOUNT





Common Applications

- Vehicle Access Control
- License Plate Monitoring
- Perimeter Security
- Traffic & Parking Management

WORKS WITH THE LOBIBOX PLATFORM

Mobile App
Answer calls, unlock doors and send visitor codes

Admin Portal
Cloud management of users, access and reports

LobiCom Central Station
Monitor and assist every entrance remotely

Copyright © 2026 LobiBox. All rights reserved. LobiBox and its logo are trademarks or registered trademarks of LobiBox in the United States and other countries. All other trademarks are the property of their respective owners. The information contained in this document is provided for informational purposes only and is subject to change without notice. No warranties, express or implied, are made regarding the accuracy or completeness of this information.