

LT-314

HD LPR Camera

High-performance LPR Camera for Convenient Parking Management



The HD LPR Camera features a high-performance CMOS image sensor that delivers outstanding image quality and clarity, ensuring precise license plate recognition even in difficult lighting conditions. Designed for 24/7 operation, it provides uninterrupted monitoring without sacrificing performance. Furthermore, the camera is equipped with a powerful deep learning algorithm, capable of accurately identifying and analyzing license plates from various countries, making it highly effective for comprehensive vehicle recognition.

Advanced LPR Features

This product features an integrated design with a high-performance CMOS image sensor and a central processor specifically dedicated to license plate recognition. This combination ensures reliable, around-the-clock operations, providing seamless and worry-free management of parking lots.

Impressive Performance

With a detection range of up to 8 meters and a width of up to 4 meters, this camera captures vehicles with precision. It accurately detects vehicles traveling at speeds of up to 80 km/h, ensuring consistent and reliable performance.

High Definition Commercial Camera

This camera is equipped with a 1/1.8-inch CMOS sensor with 4 million pixels, providing a high-definition video resolution of 2688 × 1520 for clear and detailed footage.

Powerful Recognition Algorithm

This product features an integrated design with a high-performance CMOS image sensor and a central processor specifically dedicated to license plate recognition. This combination ensures reliable, around-the-clock operations, providing seamless and worry-free management of parking lots.

Easy Installation

dedicated installation kit, simplifies both the setup and maintenance of the camera. These features ensure ease of use and efficiency during installation, enhancing the overall user experience.

Key Highlights

- Supports multiple license plate recognition (LPR) algorithms
- Compatible with third-party video management systems (VMS)
- Built-in IR illumination for clear night-time performance
- Weatherproof and vandal-resistant housing (IP66 rated)



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Specifications :

Model Number	LT-314 [HD LPR]
Dimensions	396.0 mm × 120.8 mm × 127.8 mm (L × W × H)
Net Weight	2.3 kg
Lens	2.7mm - 12mm
Imaging Sensor	1/1.8 inch CMOS
Image Resolution	2688 × 1520
Video Resolution	Main stream: 4M (2688 × 1520), 1080p, 720p Sub stream: 720p, 960H (960 × 576, 960 × 480), D1 (704 × 576, 704 × 480), CIF (352 × 288, 352 × 240)
Frame Rate	PAL: Main stream (2688 × 1520@25 fps, 1920 × 1080@25 fps, 1280 × 720@25 fps), sub stream: (1280 × 720@25 fps, 704 × 576@25fps, 352 × 288@25 fps) NTSC: Main stream (2688 × 1520@30 fps, 1920 × 1080, 1280 × 720@30 fps), sub stream (1280 × 720@30 fps, 704 × 408@30 fps, 352 × 240@30 fps)
Video Compression	H.264B/H.264M/H.264H/H.265/MJPEG
Picture Encoding Format	JPEG
White Balance	Auto, Regional Custom, Manual, Outdoor, Natural, Street Lamp
WDR	140 dB
Storage	Support a TF card with a maximum capacity of 256GB
Capture Distance	3m - 8m
Detected Width	3m - 4m
Max Detection Speed	80 km/h
Interface	Gigabit Ethernet × 1(RJ-45), RS-485 × 2, Alarm Input / Output × 1, Audio Output × 1, Wiegand × 1
Power Supply	DC 12V / PoE
Power Consumption	< 17W
Operating Temperature	-30°C-65°C
Operating Humidity	10%RH-90%RH, no condensation
Protection Grade	IP67

Applications

- Vehicle access control in gated communities and parking facilities
- Toll collection and highway monitoring systems
- Traffic enforcement and surveillance at intersections
- Border security and customs checkpoints
- Industrial and commercial facility entrances
- Urban traffic management and smart city infrastructure

