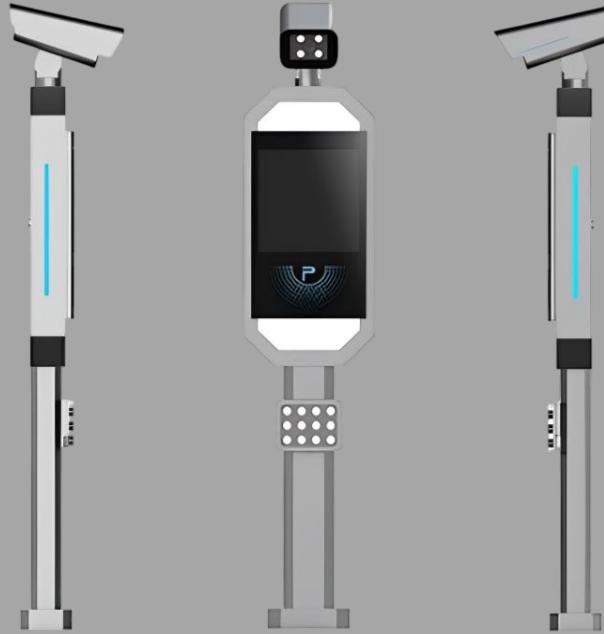


Model No: TS-LPR-1



Products Introduction:

License Plate Recognition (LPR), also known as ANPR (Automatic Number Plate Recognition) or ALPR, is cutting-edge technology that uses digital image processing, pattern recognition, and computer vision to identify vehicles by reading their license plates

Core Applications :

The License Plate Recognition (LPR) system is highly adaptable, making it perfect for a wide range of applications. It is ideal for off-street and gated parking systems, providing efficient and automated vehicle access control. In both residential and commercial settings, it offers enhanced access control, allowing secure entry and exit for authorized vehicles. The system also plays a crucial role in toll collection and smart city transport, streamlining operations and enabling seamless vehicle flow on busy roads. Additionally, its law enforcement and vehicle tracking capabilities make it an invaluable tool for monitoring traffic, tracking stolen vehicles, and improving overall public safety.

Benefits :

The License Plate Recognition (LPR) system ensures accurate plate recognition across 123+ countries, making it versatile for international use. Its day/night performance is optimized with automatic lighting, ensuring consistent functionality even in low-light environments. The system offers seamless integration with barrier controls, enabling smooth vehicle access and egress without manual intervention. Built with durable housing, the system is designed to withstand all-weather conditions, ensuring reliable operation in both extreme heat and cold. This makes it an ideal solution for various outdoor and high-traffic environments.

Hardware Components:

Component	Function
Camera	Captures vehicle images. Triggered by head detection or loop coil sensor.
Display Screen	Displays dynamic, customizable messages and recognition info.
Column (Housing)	Cold-rolled iron sheet for durability and waterproofing.
Fill Light	LED light activates below 30Lux, deactivates above 30Lux.



Software Functions :

Functionality	Details
Recognition Engine	Built-in module supports license plates
Parking Management	Complete control over vehicle flow, entry/exit, and payment
Access Control	Set operator roles and permission levels
Billing System	Define rules and automate vehicle fee calculations
Real-Time Monitoring	Track vehicle movements and barrier status
Historical Records	Maintain logs for every vehicle entry and exit
Reports	Generate access, revenue, and usage summaries

