LT-EC II Controller

Ticketless Parking Controller

Specifically Designed for Unattended Parking Lots

The EII is a professional ticketless parking lot controller, specifically designed for unattended parking solutions. It works in conjunction with a high-definition camera and supports various unattended applications, including license plate recognition, electronic payment, and video intercom. Featuring a self-developed AI license plate recognition algorithm, it achieves an impressive accuracy rate of 99%. Additionally, it can be connected to a management platform, enabling remote maintenance and control for seamless operation.

Technology Core with Artistic Design

Crafted with a sleek geometric structure and sharp, cut-edge design, this product combines silver and black elements for an elegant appearance. Made from high-strength carbon steel, its front is adorned with a full piece of tempered glass, showcasing exceptional craftsmanship and a premium, high-quality finish.

Industry-Leading License Plate Recognition Solution

Powered by Lamatel'sindependently developed deep learning license plate recognition algorithm, this solution achieves an accuracy rate exceeding 99%. Its advanced image processing unit, combined with intelligent exposure compensation technology, ensures optimal image capture for identification, even in challenging lighting conditions such as strong light, low light, and backlight scenarios.

Enhanced Performance with a Robust Hardware Platform

Built on an industrial-grade, four-core high-end hardware platform, this product features a self-developed license plate recognition algorithm and a professional image processing unit. These advanced components provide exceptional processing power and deep learning capabilities for accurate and efficient license plate recognition, ensuring superior performance across various applications.

Enhanced Performance with a Robust Hardware Platform

The controller offers greater scalability by connecting to various devices such as video intercom terminals, auxiliary identification cameras, information display screens, and environmental monitoring cameras. This enables a wide range of parking lot applications, including audio and video intercom, real-time monitoring, quick payment processing, and emergency response. Compared to traditional parking management systems, this solution delivers higher management efficiency, reduced costs, and a richer set of features for enhanced functionality.

Product specifications are subject to change without prior notice.
For more information, visit www.lamatel.com or send an email to sales@lamatel.com

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Seamlessly Compatible with Complex Environments

With dual license plate signal capture through video streaming and loop detector or radar, this system achieves an outstanding 99.99% license plate capture rate. It supports dual-channel camera collaborative identification, making it ideal for complex scenarios involving mixed traffic of cars and motorcycles, ensuring highly reliable performance in diverse applications.

Remote Debugging and Maintenance for Efficient Management

The parking lot equipment can be integrated with an operation and maintenance platform, enabling real-time notifications for abnormal events and providing a clear overview of equipment status. The system supports remote upgrades, parameter configuration, log acquisition, and monitoring, allowing issues to be addressed promptly. This enhances the efficiency of operation and maintenance services, ensuring quick problem resolution and seamless management.

Enhanced Scalability for Device Integration

The controller offers greater scalability by connecting to various devices such as video intercom terminals, auxiliary identification cameras, information display screens, and environmental monitoring cameras. This enables a wide range of parking lot applications, including audio and video intercom, real-time monitoring, quick payment processing, and emergency response. Compared to traditional parking management systems, this solution delivers higher management efficiency, reduced costs, and a richer set of features for enhanced functionality.

Unattended Car Parks: The Future of Parking

Smart parking solutions are paving the way for unattended parking to become the norm. License plate recognition serves as the entry and exit credential, while car owners can make payments through electronic methods or credit cards. Management personnel monitor and maintain the system 24/7 via a centralized platform. This modern parking management system significantly reduces operational costs and enhances efficiency, revolutionizing the parking experience.

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Specifications

Model Name	LT-EC II Controller
Power Supply	AC220V±10%/50Hz
Operating Temperature	- 25℃ ~70℃
Storage Temperature	-30℃-75℃
Relative Humidity	≤95%, no condensation
User Storage Capacity	200,000
Online Record Storage	50,000
Communication Interface	TCP/IP
IP Rating	IP54
LPR Rate (Optional)	99% *
Cabinet Material	Carbon Steel
Product Dimensions	400mm×182mm×1380mm
IP Video Intercom	Support
TTS Broadcasting	Support
Built-in LCD Display	
Display Panel	10.1-inch LCD
Display Type	Industrial

Key Highlights

- User-friendly interface with intuitive control options
- Modular design for flexible system expansion
- Real-time system monitoring and diagnostics
- Compatible with various security and automation protocols
- Energy-efficient operation with low power consumption
- Durable build for reliable performance in harsh environments

Applications

- Access control systems for commercial and industrial facilities
- Building automation and energy management systems
- Security monitoring in office complexes and data centers
- Integrated control solutions for smart homes
- Public infrastructure management (airports, hospitals, government buildings)
- Manufacturing and warehouse automation systems