

1. Introduction

TicketPro is comprehensive vehicle entry and exit management software built for market environments. It helps enforce transparency, streamline data collection, and generate automated reports by allowing authorized personnel to issue tickets, open gate barriers, and monitor operator activity.

2. Key Features

Vehicle Ticketing

- Issue digital tickets with auto-generated receipt numbers.
- Capture license plate, category, and timestamp.

Entry & Exit Surveillance

- Park Officers at entrance and exit stations manage vehicle flow.
- Ensures accountability and real-time record logging.

Operator Shifts

- Tracks login, logout, and shift duration.
- Manager view for oversight and export.

Multi-Market Support

- Separate databases for each market.
- Administrators can add or manage markets dynamically.

Digital Receipt Printing

- Integrated with thermal receipt printers.
- Auto-popup and print support after transaction.

Boom Barrier Integration

- Sends HTTP request to open ZKTeco barriers.
- Supports inBIO controller via assigned IP.

Daily Sales Report

- Displays sales summary grouped by date and category.
- Export to CSV or PDF formats.

Maintenance Mode

- Backup and restore any market database.
- Clean old records before a selected date.

Announcements

- Admins can send notices to all or selected markets.
- Scrolling banner displays on every user's dashboard.

Authorization System

- Role-based access:
 - Admins: All permissions.
 - Managers: Scoped to their market.
 - Park Officers: Entrance or Exit only.

Settings Panel

- Manage ticket pricing per vehicle category.
 - Control access, assign posts, and set preferences.
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3. User Roles

👤 Administrator

- Full access to all modules.
- Creates users, adds new markets, manages roles, and system maintenance.

👥 Manager

- Manages one market.
- Handles pricing, announcements, and shift validations.

👮 Park Officer

- Assigned to Entrance or Exit post.
 - Only sees Entry/Exit Dashboard with vehicle admission and barrier access.
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4. Installation

📋 Requirements:

- Web Server (XAMPP or WAMP)
- PHP 7.4+
- MySQL 5.7+

- Enabled extensions: mysqli, fileinfo

□ Steps:

1. Extract the ticketPro folder into your web server's root (htdocs).
 2. Configure config/database.php with your local database settings.
 3. Import the ticket.sql dump for the main database.
 4. Create other market databases as needed.
 5. Access via browser: <http://localhost/ticketPro>
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5. Usage Workflow

1. **Login** using assigned credentials.
 2. **Dashboard** displays based on user role and assigned market.
 3. **Entry/Exit Officers:**
 - Admit vehicles.
 - Collect payment (optional).
 - Print ticket and trigger boom barrier.
 4. **Managers/Admins:**
 - View records and statistics.
 - Post announcements.
 - Manage system settings and prices.
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6. Database Backup/Restore

- Navigate to **Settings > Maintenance**
 - Choose a market and click **Backup**
 - To restore:
 - Upload .sql file from the same market.
 - Click Restore and wait for success confirmation.
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7. Shift Management

- Automatically logs operator activity:
 - Login time
 - Logout time
 - Total hours
 - Can be exported by managers/admins.
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8. Export to PDF

- On any reporting page (Sales, Admission, Exit), click the **Export** button.
 - Generates a downloadable .pdf summary report.
 - Automatically includes current filters (market, date, operator).
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9. Frequently Asked Questions

Q: Can I use it without internet?

A: Yes, TicketPro runs on a local server like XAMPP.

Q: How do I change vehicle ticket prices?

A: Admins and Managers can do this from the Settings page.

Q: Can I connect it to a boom barrier without an IP?

A: No, boom barrier must be IP-addressable (like ZKTeco or inBIO board).

10. Contact Support

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