

Efficient Parking Fee Collection with Milesight ANPR Cameras in Australia

Location: Victoria, Australia

Technology Partner
Ticketless Parking

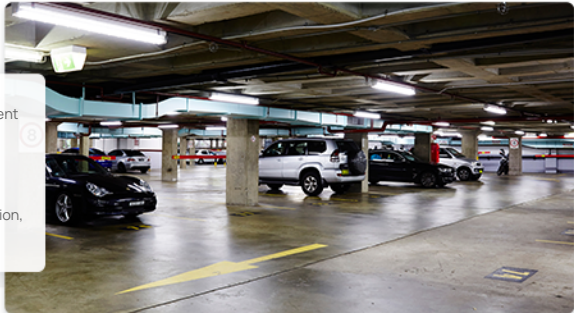
Location
Victoria, Australia

Industry Segment
Parking Management

Related Product
[Entrance & Exit AI LPR Pro Bullet Camera](#)
[Entrance & Exit AI LPR Bullet Camera](#)

Background

Ticketless Parking, a leading smart parking solutions provider in Australia, required a reliable, intelligent parking camera solution capable of performing across diverse environments - from underground garages to open-air lots. The key requirement was a system that could maintain high license plate recognition accuracy under varying conditions while minimizing operational complexity. **Milesight Entrance & Exit Series Cameras** were deployed to address these needs, providing seamless integration, high edge recognition accuracy, and robust performance in all scenarios.



Challenges



Complex parking environments

Fluctuating lighting and weather - such as glare, shadows, low light, rain, or snow - often reduce recognition accuracy, impacting user experience and revenue collection



Inefficient ANPR algorithms

Conventional solutions without advanced intelligence frequently produce errors, leading to disputes and loss of operator confidence



Hardware limitations

Inferior cameras require continuous tuning and maintenance, creating extra workload and cost for operators

Solution

✓ Accurate Fee Collection under All Weather Conditions

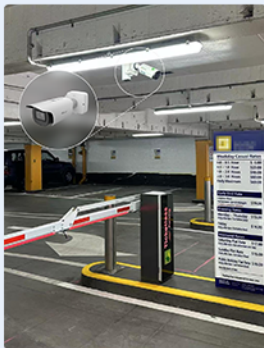
- With superior imaging technologies such as Smart IR technology and WDR, the cameras ensure accurate plate recognition - even under **bright backlight, dark underground conditions, or adverse weather such as heavy rain**
- This guarantees not only smooth entry and exit but also accurate fee collection without environmental interference.

✓ Seamless Integration for a Smoother Payment Experience

- The cameras conduct license plate recognition at the edge and **transmit results to Ticketless Parking's backend parking platform via TCP/HTTP**
- Each vehicle's entry and exit is timestamped, allowing the system to calculate duration automatically. Once payment is confirmed, the barrier lifts
- Confidence levels from the cameras support secondary manual review for damaged or unclear plates
- This ensures frictionless fee settlement while reducing integration complexity and long-term maintenance costs

✓ High-Accuracy Edge AI ANPR for Reliable Parking Operations

- Equipped with Milesight's self-developed ANPR algorithm, the cameras deliver an impressive **98.8% high recognition accuracy rate** in Australia
- By processing recognition tasks at the edge (on the camera itself) rather than relying solely on cloud servers, the solution reduces latency, ensures real-time response, and maintains high accuracy even in scenarios with high vehicle throughput



*Product appearance updated; may differ slightly from case images.

Conclusion

With Milesight's Entrance & Exit Management Series Camera, Ticketless Parking achieves:

Enhanced Operational Efficiency:

Stable, accurate recognition reduces billing errors and customer complaints.

Focus on Core Competency:

Tickless Parking can prioritize software platform development and business expansion without worrying about hardware stability.

Cost Optimization:

Minimizes hardware and maintenance expenses, as well as labor costs associated with troubleshooting.

Milesight, together with Tickless Parking, transforms parking management into a more efficient, reliable, and user-friendly solution.

Related Products



Entrance & Exit AI LPR Pro
Bullet Plus Camera



Entrance & Exit AI LPR
Bullet Camera



Entrance & Exit Supplement
Light AI LPR Pro Bullet Plus