

Touchless & Cashless for Seamless Smart Parking



TIMETEC SMART LPR PARKING

TimeTec Smart LPR can read car plate numbers to the highest accuracy, up to 99.8% for standard car plate number, to achieve a ticketless, cashless, and touchless experience for casual and season parking. TimeTec Smart LPR can be integrated with multiple payment methods, for instance, eWallet Direct for seamless parking, the parking fee is auto deducted from the user's eWallet when exiting the parking site; or scan QR for online payment, or APM Autopay Machine before exit, or Payment (Exit TPK) for TNG card or credit/debit card payment at the exit lane.

- MACHINE LEARNING**
Embedded with deep learning technology that constantly improves reading accuracy.
- TOUCHLESS PARKING ACCESS**
Hands-free when entering and exiting parking sites.
- MULTIPLE PAYMENT METHODS**
Support credit card, debit card, eWallet, FPX, TnG Card, etc.
- ANALYTIC DASHBOARD**
Real-time, improve management efficiency.
- MULTIPLE LOCATIONS**
Centralize management and reporting, improve productivity.
- VALIDATION FEATURE**
Promo code made easy, suitable for shopping malls, hotels, convention halls, etc.
- CONNECT TO NEXT ACTIVITIES**
Liberate data flow to build a better ecosystem for smart building.
- TIMETEC EWALLET DIRECT PARTICIPANTS**
Touch n' Go, Setel, more to onboard.
- AVAILABLE BACKUP PAYMENT METHODS**
Auto Pay Machine, Touch n' Go card and Credit/Debit Card.
- TIMETEC PARKING ANALYTICS**
Comprehensive and interactive analytics charts to improve management efficiency.
- NEXT ACTIVITIES**
Visitor management, security, access control, advertisement, liberate data flow to build a better ecosystem for smart building.
- ONE-STOP PMS**
Consolidate all casual parking, season parking, enforcement and valet parking modules.
- LPR MODELS**
Multiple LPR models L series, M series and H series and sub-series to choose from.
- E-INVOICE READY**
e-Invoice compliance and direct links with LHDN MyInvois Portal.
- JPJ ePLATE**
Support JPJePlate with 99.9% accuracy.



Read More



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SYSTEM DIAGRAM 1 : LPR with Multiple Payment Methods



SYSTEM DIAGRAM 2 : eWallet Direct



SPECIFICATIONS



MODEL	L Series	H2 Series	H3 Series
CAMERA	V Model	VA Model	V Model
Camera Housing	Yes	No (Embedded module)	Yes
Image Sensor	1/2.8" starlight-level CMOS	1/2.8" starlight-level CMOS	1/2.8" starlight-level CMOS
Max Resolution	1920(H) x 1080(V)	1920(H) x 1080(V)	1920(H) x 1080(V)
Min. illumination	Color: 0.01Lux	Color: 0.01Lux	Color: 0.01Lux
Shutter Speed & Lens	0-1ms or customized (2.8~12mm lens)	0-1ms or customized (2.8~12mm lens)	0-1ms or customized (2.8~12mm lens)
Image Setting Video	Saturation, Brightness, Contrast, image flip, gain, exposure time	Saturation, Brightness, Contrast, image flip, gain, exposure time	Saturation, Brightness, Contrast, image flip, gain, exposure time
Compression	H265/H264/MJPEG/intelligent detection structured data output	H265/H264/MJPEG/intelligent detection structured data output	H265/H264/MJPEG/intelligent detection structured data output
Picture Format & Analytic	JPEG with configurable quality, Support LPR	JPEG with configurable quality, Support LPR	JPEG with configurable quality, Support LPR
LPR Accuracy	99.80%	99.80%	99.80%
Comprehensive Capturing Recognition Rate	≥99.99%	≥99.99%	≥99.99%
Working Temperature & Humidity	-25°C to 70°C, 90% or less (non-condensing)	-25°C to 70°C, 90% or less (non-condensing)	-25°C to 70°C, 90% or less (non-condensing)
Network Interface	1 channel 10/100Mbps adaptive RJ45	1 channel 10/100Mbps adaptive RJ45	1 channel 10/100Mbps adaptive RJ45
Communication Interface	IO output: 2 channel, IO input: 4 channel, RS485: 1 channel	IO output: 2 channel, IO input: 4 channel, RS485: 1 channel	IO output: 2 channel, IO input: 4 channel, RS485: 1 channel
Extra Deep Learning Technics	2 million starlight imaging effect, dual core processor CNN acceleration	2 million starlight imaging effect, dual core processor CNN acceleration	2 million starlight imaging effect, dual core processor CNN acceleration
LPR Algorithm Supports	Malaysia, Singapore & Thailand Car Plates	Malaysia, Singapore & Thailand Car Plates	Malaysia, Singapore & Thailand Car Plates
Power Supply	Support 9 ≤ 15V DC, standard 12V/2A	Support 9 ≤ 15V DC, standard 12V/2A	Support 9 ≤ 15V DC, standard 12V/2A
HOUSING PARAMETERS			
Resolution	F3.75, 64*64 Dots	LCD 1366*768 (18.5")	LCD 1366*768 (18.5")
Color	Red/Green	Full Colour	Full Colour
Input Power	AC110/220V +/- 10% 50/60Hz (With built-in power adapter)	AC 220V +/- 10%	AC 220V +/- 10%
Working	Voltage DC5V	12V/2A	12V/2A
Max Power	10W	60W	60W
Stand Size	60*1200mm	1450*333*150mm (height*width*thickness)	1450*333*150mm (height*width*thickness)
Working Temperature	From -40°C to +80°C	From -20°C to +60°C	From -20°C to +60°C
IP Rating	IP42 Dustproof & waterproof function	IP54	IP54
Barrier Open	On Board	On Camera	On Camera
BODY HOUSING			
Design & Material	Bare Pole, epoxy powder coated	Designed housing, epoxy powder coated	Designed housing, epoxy powder coated
Protection Rate	IP65	IP65	IP65
Fill Light	Option	Standard	Standard
PRICING			
Indication	★	★★	★★★

Our SMART PARKING ECOSYSTEM

FRONT END

Off-Street Parking Solution (Cashless) Visitor & Season Parking

TnG Card & RFID (Malaysia)

Credit/ Debit Card Access

QR Code (BLE 2)

License Plate Recognition (LPR)

On-Street Parking Solution (Cashless)

Parking App

Off-Street Parking Solution (Cash)

Parking Ticket

BACK END

timeTec Parking Management System (Cloud-Based)

NEXT ACTIVITIES FLOW

(Digital transformation ready)
Malls, Offices buildings, Schools, Government etc

Security

- Surveillance
- Alarm
- Guard Patrolling



Commercial Shopping Mall

- Advertisement
- Merchant Listing
- Promo Code



People Flow - Visitor

- Pre-register Visitor
- Visitor Arrival Notification
- Access Control
- Host Absorbs Parking Fees



People Flow - Employee

- Access Control
- Parking Barrier, Door, Turnstile, Lift



Workforce Management

- Attendance Clock-In
- Leave Management



20+
Years on the
Market

28+
Patents

400+
Partners
Worldwide

1M+
FingerTec
& IoT
Installations

1M+
Cloud
Solution
Users

ISO
27001

CMMI
Level 3

PDPA &
GDPR
Compliance

CLIENTELE



Authorized Reseller

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