AMANO

AMANO LPR

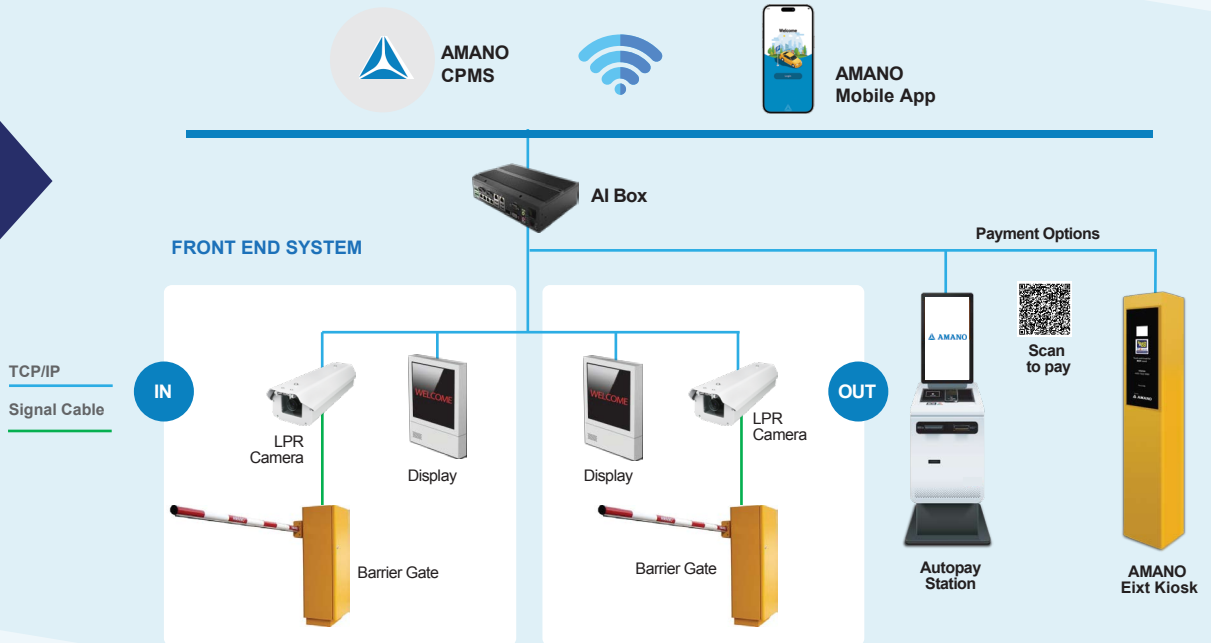## Empowering Your Parking Transformation

AMANO LPR Parking System

Amano License Plate Recognition System, or Amano LPR, with the machine learning capability, can deliver the highest accuracy to more than 99% for Malaysia's car plate numbers. Amano LPR system is one of most sought-after parking access methods in the Amano Smart Parking ecosystem, to achieve a combined ticketless, cashless, and touchless parking experience for casual and season parking.

BENEFITS OF AMANO LPR SYSTEM

🔺 **Machine Learning |** Deep learning technology that constantly improves reading accuracy.

🔺 **One-Stop CPMS |** Consolidate LPR season parking and casual parking

🔺 **Touchless Parking Access |** Hands-free when entering and exiting parking sites.

🔺 **Payment Options |** Scan QR Code, Cashless Auto Pay Station, Exit TNG kiosk

🔺 **Payment Methods |** Credit card, debit card, eWallet, FPX, TNG Card, etc.

🔺 **Analytic Dashboard |** Real-time, improve management efficiency.

🔺 **Validation Feature |** Promo code made easy

🔺 **Data Flow |** To integrate with next activities

AMANO TNG PARKING SYSTEM DIAGRAM

AMANO CPMS

AMANO Mobile App

AI Box

FRONT END SYSTEM

Payment Options

TCP/IP

Signal Cable

IN

LPR Camera

Display

Display

LPR Camera

OUT

Barrier Gate

Barrier Gate

Scan to pay

Autopay Station

AMANO Eixt Kiosk

SPECIFICATIONS

LPR Camera

License Plate Recognition (LPR) cameras read vehicle plates and send the data to the AI Box for processing.

Basic Information	Model	RX-IV
	Type	2MP overall unit smart camera, dual-core 900MHz processor+CNN hardware acceleration engine (0.5Tops)
Imaging	Image Sensor	1/2.8" starlight-level CMOS
	Max Resolution	1920×1080
	Lowest Illumination	0.01Lux (Color)
	ISP	Supports VZ intelligent ISP, scene-adaptive
	Data Output	H265\H264\MJPEG\intelligent detection structured data output
Lens	Standard Configuration/Optional Configuration	Standard 6mm prime lens; optional 2.8~12mm, 6~22mm, 5~50mm motorized zoom lenses
Audio	Voice Intercom	Supports cloud local two-way voice intercom, audio coding G.711/AAC
Intelligent Algorithm VIR5.0	Comprehensive capturing recognition rate	Comprehensive capturing rate≥99.99%; comprehensive recognition rate≥90%
	License Plate Recognition Regions	Poland, Germany, France, Brazil, Kenya, Ukraine, Indonesia, Vietnam, Denmark, Israel, Romania, Moldova, Azerbaijan, Switzerland, Slovakia, Netherlands, Serbia, Uzbekistan, Turkey, Kyrgyzstan, Urkaine, Greatbritain, Italy, Croatia≥90% Monaco, Estonia, Czechrepublic, Portugal, Bulgaria, Luxembourg, Finland, Montenegro, Thailand, Slovenia, Hungary, Latvia, Russia, Kazakhstan, Lithuania, Norway, Belgium, Cyprus, Sweden, Georgia, Belarus, Spain≥95% Malaysia, Singapore, Taiwan, Hongkong≥98%
	License Plate Recognition Function	White list of license plates, intelligent calibration
Interface	Network Interface	1-channel 10/100Mbps adaptive RJ45
	Other Interfaces	IO output: 2-channel, IO input: 4-channel, RS485: 1-channel
	AUDIO	1 input (LINE&MIC)+1-channel output (Passive)
	USB	1 USB Type-A interface (optional 4G module)
	TF Card Slot	1I TF card slot, supporting 512G at maximum)
Management	Service	Basic services, supporting various types of secondary development