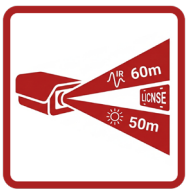
Opyn-ANPR

High-accuracy license plate recognition with intelligent AI processing for secure vehicle access control.

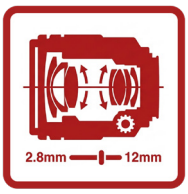
The Opyn ANPR Camera is a high-performance network camera designed for automatic number plate recognition and vehicle monitoring applications. Featuring a high-sensitivity CMOS sensor, powerful AI processing, and integrated IR/Warm illumination, the camera provides reliable license plate capture in day and night conditions.

Compatible with AES Global Opyn Multi via Wiegand access control integration for seamless vehicle entry management.

Dedicated ANPR Recognition Engine



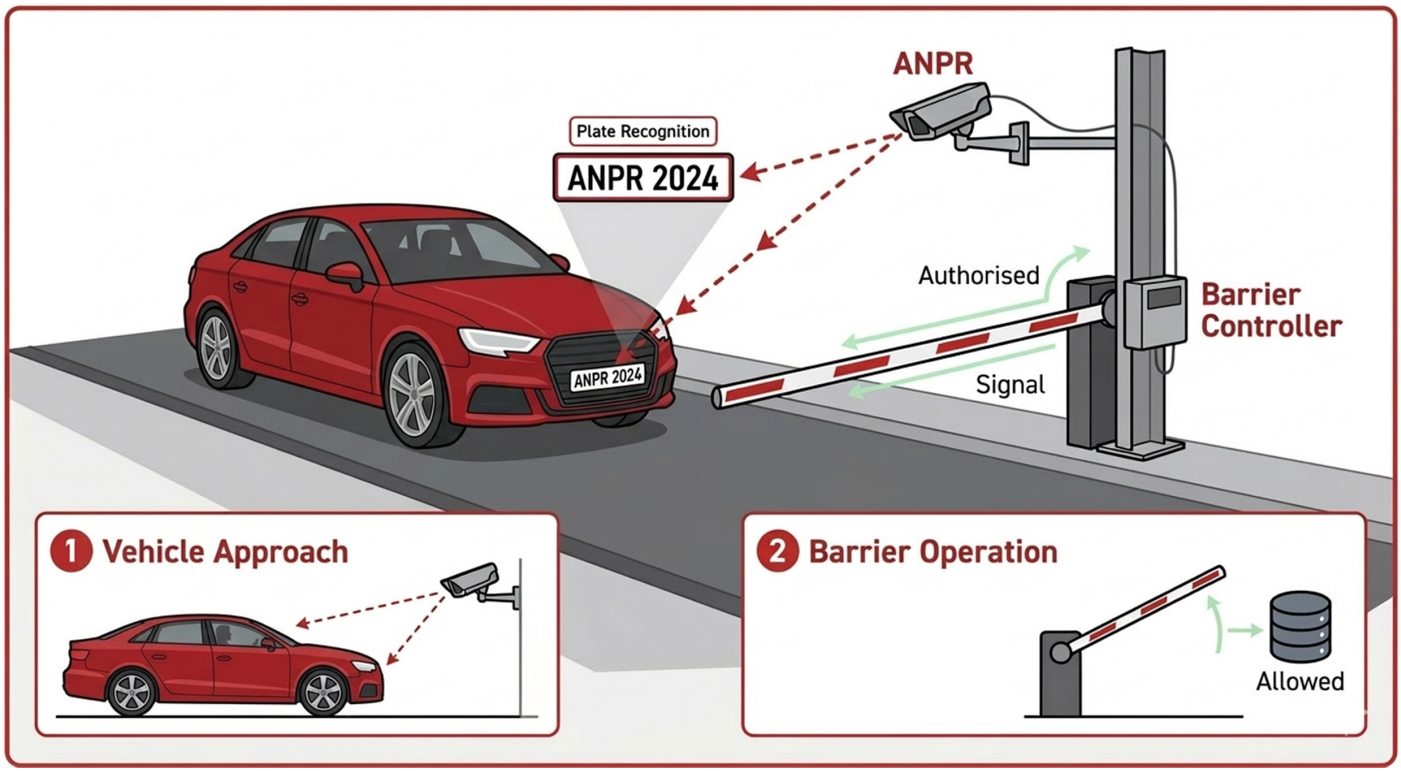
Integrated IR & Warm Light Illumination



Motorised 2.8–12mm Varifocal Lens

High Sensitivity Sensor 4MP

IP67 Weatherproof Metal Housing with PoE



Main Features & Specifications

	Category	Specification
Technical Specifications	Model	QV-IPC64245CC2G-TPMUSZ
	Sensor + DSP	SC450AI + SSC379G
	Image Sensor	1/1.8” Progressive Scan CMOS Sensor
	Minimum Illumination	Colour: 0.002 Lux (F1.3, AGC ON), 0 Lux with IR
	Illumination Distance	60 m (IR light), 50 m (Warm light)
	Shutter Speed	Auto / Manual, 1/3 – 1/100000 s
	Day/Night Mode	IR Cut Filter with Auto Switch
	Wide Dynamic Range	130 dB
	Noise Reduction	2D / 3D DNR
	Backlight Compensation	BLC / HLC Supported
	Image Settings	Brightness, Contrast, Saturation, Hue, Sharpness adjustable
	Specification	**Details**
Lens	Lens Type	Motorised Varifocal
	Focal Length	2.8 – 12 mm
	Aperture	F1.2 – F2.5
	Lens Mount	φ16.7 mm
Video	Maximum Resolution	2688 × 1520
	Video Compression	H.264 / H.264+ / H.265 / H.265+
	Additional Compression	MJPEG (Sub-stream)
	H.264 Profile	Base / Main / High
	H.265 Profile	Main Profile
	Video Bit Rate	11 Kbps – 10 Mbps
	Video Streams	Triple Stream
Network	Network Interface	1 × RJ45 10/100/1000 Mbps Ethernet
	Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP
	Network Storage	NAS (NFS, SMB/CIFS)
	ONVIF	Profile S / G / T
	SDK Support	Yes
	Maximum Users	40 users
	Browser Support	IE10 / IE11
	Mobile Access	Android / iOS
Audio	Audio Compression	G.711A / G.711U
	Audio Bit Rate	64 Kbps
	Audio Interface	1 Input / 1 Output
Interface	Alarm Interface	2 Inputs / 2 Outputs
	RS-485	Supported
	Reset Button	Supported
	Wiegand	Supported
	Video Output	Supported
	Storage	MicroSD support up to 512 GB
Power	Power Supply	DC 12V ±25% 48v PoE
	PoE	IEEE 802.3at
	Power Consumption	Max. 11 W
Physical Enviro	Operating Temperature	−40°C to +60°C
	Operating Humidity	≤95% RH (non-condensing)
	Protection Rating	IP67
	Housing	Metal
	Dimensions	Φ105 × 278.9 mm
	Gross Weight	1440 g

	Stream	Resolution	Frame Rate
Frame Rate	Main Stream	2688×1520 / 2560×1440 / 2048×1536	Up to 25 fps
	Sub Stream	1280×720 / D1	Up to 25 fps
	Third Stream	CIF	Up to 25 fps

	Feature	Specification
Smart	ANPR (License Plate Recognition)	Supported
	Motion Detection	Supported
	Line Crossing Detection	Supported
	Intrusion Detection	Supported
	Region Entrance / Exit Detection	Supported