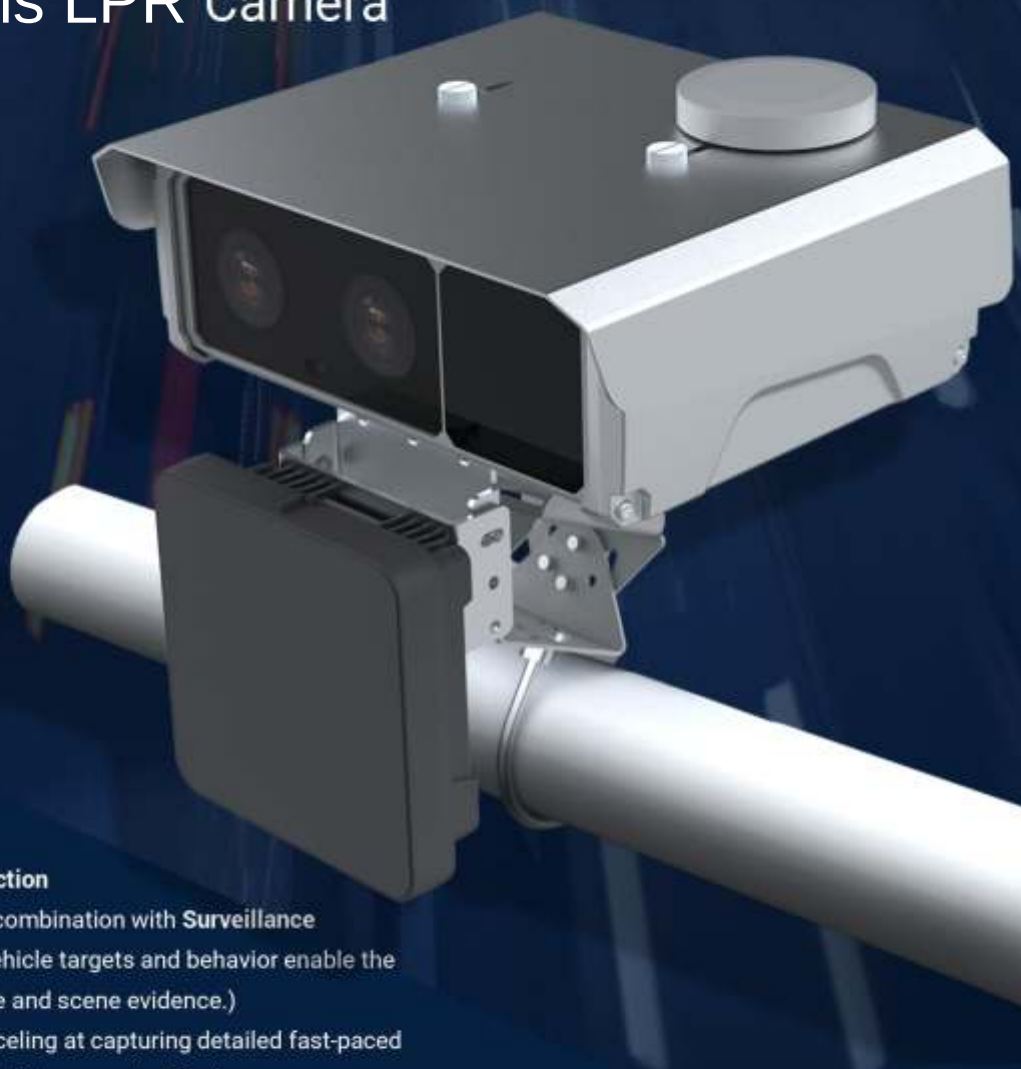
HDS

TrafficX

Radar DualLens LPR Camera



KEY FEATURES

- **Dual-camera Integrated Evidence Collection** (By utilizing **Vehicle Close-up ANPR**, in combination with **Surveillance Overview**, the capture and analysis of vehicle targets and behavior enable the acquisition of reliable synchronized time and scene evidence.)
- **320km/h High Recognizable Speed** (Exceling at capturing detailed fast-paced dynamic scenes, covering 2-3 lanes and distance up to 50m.)
- **Advanced Radar Technology** (Powered by high-speed radar and AI for real-time speed and flow monitoring.)
- **24/7 High Accuracy** (Achieving 99% capture rate and 98% license plate recognition rate even in low-light environments.)
- **Edge AI-based ANPR** (Incorporating advanced image processing technology capable of accurately recognizing both reflective and non-reflective license plates, it swiftly and precisely identifies license plate numbers and colors, as well as captures vehicles without license plates. Additionally, it collects relevant attributes such as vehicle color, type, and brand information.)
- **Professional violation recognition, reliable enforcement assistant.**
- **Easy Installation** (Embedded 4G module for easy network connection and flexible angle adjustment design.)
- **Compatibility** (Support CGI/APIs and TCP/HTTP/MQTT protocols for easy integration.)



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Model			XDV T255LPR-4G-RADAR (5MP*2)
Camera	Name		DualLens LPR camera
	Image Sensor		Color, 2/3" Global Shutter
	Min. Illumination		Color: 0.001 Lux@(F1.4, AGC ON)
	Shutter Time		30 us- 40000 us
	Day/Night Mode		Day/Night/Auto
	Supplement Light	IR	IR Strobe Light (16 light beads)
		IR Distance	60m
		IR Wave Length	850nm (Default), 740nm (Optional)
Road Traffic Management	Max. ANPR Range		Up to 50m
	Max. Vehicle Speed		320 km/h
	Coverage		Recommended for 2~3 lanes
	Capture Rate		Up to 99%
	Recognition Accuracy		Up to 98%
	Country Region Supported		More than 74 countries and regions
	Attributes Identification		Plate Color, Vehicle Type, Vehicle Color, Vehicle Brand, No-plate Vehicle Capture, Vehicle Direction Detection, Speed Detection
	Violation Management		Reverse Driving, Speed Monitoring, Vehicle Attributes Event Detection
	White/Black List		Up to 2000 records inside the camera
	LPR Smart Search		Support
Interface	Ethernet		1*RJ45 10M/100M/1000M Ethernet Port
	Input		4 * Optoisolated Input
	Output		2 * Strobe Output 1 * Relay Output
Lens	Lens		15-50mm, Motorized zoom and focus
	Mount		Custom mount
	Field of View		horizontal FOV 41.4° to 10.3°, vertical FOV 26.8° to 8.42°, diagonal FOV 32° to 13.3°

TrafficX



Video	Max. Resolution	2464x2056
	Max. FPS	30fps
	Video Compression	H.265/H.264/MJPEG
	Video Bit Rate	16Kbps~16Mbps (CBR/VBR Adjustable)
	Image Setting	Brightness/Contrast/Saturation
	Privacy Masking	Up to 24 Areas (per Sensor)
Radar	Working Frequency	24GHz
	Capture Rate	>99% (Traffic jam >95%)
	Lane Coverage	2~3 Lanes (Recognition ≥95% individually)
	Tracking Target	Up to 32
	Speed Detection Accuracy	-3~0km/h
	Housing	Up to IP67-rated for weather-resistant performance
	Installation Height	4~10m
Wireless Network (Optional)	Cellular	4G LTE NA: B2/B4/B5/B12/B13/B25/B26 EU: B1/B3/B7/B8/B20/B28 AU: B1/B2/B3/B4/B5/B7/B8/B28/B66
	SIM Card	Nano SIM
System	System Compatibility	API, HTTP, TCP, MQTT, ONVIF Profile G & S & T
	Storage	Support microSD/SDHC/SDXC Card Local Storage, up to 1TB
General	GPS	Built-in High-accuracy GPS Module
	Working Temperature	-40°C ~ 70°C
	Working Humidity	0~95% (Non-condensing)
	Power Consumption	Min.: 14.4W Max.: 21.2W
	Weather Proof	Up to IP67-rated for Weather-resistant Performance
	Power Supply	24 V DC/AC
	Weight	5.6Kg 8.4Kg (with Package)
	Dimensions	282.7mmx295mmx276.5mm (with Radar Unit)
	Warranty	3 Years



Certifications	EMC	CE-EMC (EN 55032, EN 55035), FCC (PART 15B)
	Safety	CE-LVD (EN IEC 62368-1)
	Environment	CE-ROHS (Directive (EU) 2015/863 amending 2011/65/EU)

Structure Diagrams

