Traffic camera

ANPR Camera for Traffic Monitoring

2 lanes Maximum lane width: 6mt	**99%** Rate of plates read correctly
30° Maximum angle	**250km/h** Maximum speed
8X Motorized optical zoom	**24h** Cloud monitoring

Features

- Image resolution up to 5MP
- Plate reading on high-speed roads up to two lanes
- Maximum vehicle speed up to 250Km/h
- Fixed or motorized optics
- External or integrated context camera
- Integrated 4G connection
- IP67 housing
- Great configuration flexibility

Traffic Monitoring: available models

L-ROAD	Global shutter 1.6MP OCR sensor, single lane, 160Km/h (≈100 mph)
S-ROAD	Global shutter 3MP OCR sensor, dual lane, 200Km/h (≈125 mph)
X-ROAD	Global shutter 5MP OCR sensor, dual lane, 250Km/h (≈155 mph)

Options

CONTEXT	Integrated 5MP context camera
VARIFOCAL	6-50mm motorized varifocal lens for OCR camera
4G	4G connection module
POE	PoE IEEE802.3at power supply
STORAGE	Additional on-board memory for data storage
SENSORS	Humidity, temperature, shock & disorientation sensors
MAKE & MODEL	Specific algorithm for vehicle analysis
WIEGAND	Interface module for access control system

Technical Specifications

MODEL	L-ROAD	S-ROAD	X-ROAD
OCR Camera			
Resolution	1440x1080	2048x1536	2448x2048
Frame rate	60fps		
Lens	Fixed 25mm		VF motor. 6-50mm
Plate reading			
Free-run reading	Yes		
Maximum lane width	4mt (≈13ft): one lane	6mt (≈20ft): two lanes	
Maximum vehicle speed	160km/h (≈100 mph)	200km/h (≈125 mph)	250km/h (≈155 mph)
Working distance	18-25mt (≈59-82ft)		4-30mt (≈13-100ft)
Region of interest	Yes, configurable		
Recognized plates	Cars, trucks, motorcycles – Front and rear		
Functions			
Plate lists	Yes		
Control and configuration	Via integrated web page		
On-board storage	SD 16GB		
Context camera	Optional (integrated 5 MP or external)		Integrated 5MP ONVIF
Interface			
Digital inputs	2		
Relay outputs	4		
Ethernet	10/100Mbps		
Info communication protocol	FTP, SFTP, protocol encrypted with AES		
Video communication protocol	RTSP, ONVIF		
Configuration	HTTP		
Other			
Power supply	12Vdc or POE IEEE802.3at (optional)		
Power consumption	25W		
Operating temperature	-10°C to +50°C (≈ 14°F to 122°F)		
Weight	3.8 Kg (≈ 8.4 lbs)		
Protection class	IP67		
Dimensions	150x140x450mm (≈5.9"x5.5"x17.7")		
D3NS	Compatible		

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