

Lynet Speed – Mobile ANPR Speed Enforcement Camera

On-the-move certified speed, license plate and make and model data linked to all monitored vehicles

Imaging

Maximum resolution (HxV pixels): framerate	2 × 2432x2048 (5MP): 45 FPS
Shutter	2 × Color, Global Shutter
Day/night switch	Light sensor, configurable quick auto-switching day/night mode, automatic brightness control
Lens	Motorized zoom, focus and iris are remotely adjustable (both)
Focal length	12-50 mm (both optics)
Optical zoom	4.2x
Angle of View (HxV)	Wide: 2 x 31° x 26° Tele: 2 x 7.7° x 6.4°
Optimal ANPR range at ambient light or at 0 lux	15 – 20 m (50 – 65 feet)

Radar

Vehicle speed data	METAS Tested
Measurement range	1 – 320 km/h (199 mph)
Measurement accuracy	±3 km/h (1.8 mph) or ±3 % (the bigger of)
Measurement frequency	77 GHz to 81 GHz
Maximum number of lanes	4 lanes covered
Maximum number of objects	64 tracked simultaneously

Illumination

Wavelength	850 nm (infrared)
Illumination modes	Synchronized flash

Processing & I/O

Processing unit	8-core: ARM 2 x 2.2 GHz + 6 x 1.8 GHz
Communication protocols	ONVIF, ARP, TCP/IP, DHCP, NTP, FTP, HTTP, RTSP, HTTPS, SFTP, DNS, SNMP, SSL/TLS, NTCIP
Radar	Certification-ready, in-built, 4D multi-lane radar

Electrical Data

Power requirement	10-50 V DC, max. 36W, typical 20W
Connectivity	Power & Data: Push-Pull, 8-pole, IP68 connector GPIO: 8-pin, A-coded, RS485

On-Board Intelligence

CARMEN® ANPR	Included
CARMEN® Make and Model, Color Recognition	Included
GPS tracking	Included
Vehicle Categorization	Radar + AI-based
GDS compliant	Yes
Data storage	128 GB (integrated), ~ 35 000 event
External storage type	FTP, SFTP, HTTP, HTTPS

Mechanical Data

Operating temperature	-45 °C – 55 °C (-49 °F – 131 °F)
IP rating	IP67
Dimensions L x W x H	151 mm x 341 mm x 99 mm (5.9" x 13.4" x 3.9")
Weight † (with bracket)	3.6 kg (8 lbs)

Accessories

Accessories	Communication HUB (with RJ45 and power connector 6-50 V DC), roofrack mounting console, carry case, break-out box (with 4G/5G connectivity, WiFi, GPIO & SYNC ports, USB, CAN, battery input)
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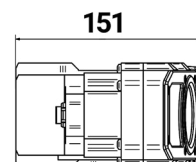
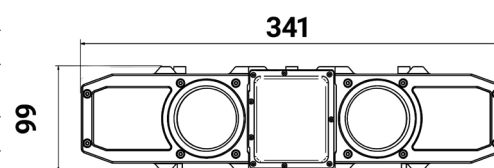
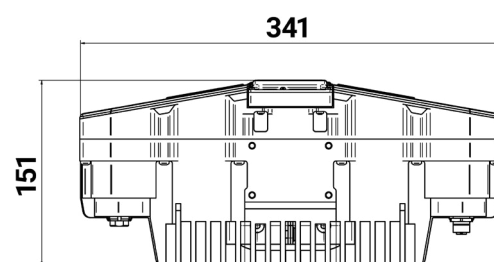
Certificates

Certificate	CE, FCC, RoHS, NDAA compliant
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On-Board ANPR+MMR, powered by:

CARMEN®



3-year warranty
Made in EU



www.adaptiverecognition.com

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Release date: 08/05/2026