

Einar ANPR camera

Model	Einar	Einar T
Version	Gen 2 (2nd generation)	

Imaging

Maximum resolution (HxV pixels): framerate	8MP; 3840x2160 @ 30 FPS	
Sensor	Color, CMOS	
Day/night switch	Automatic brightness control with predefined traffic environments, or manual	
Lens & zoom (all auto and motorized)	4 – 10 mm, 2.5x	9 – 22 mm, 2.5x
Angle of View (HxV)	Zoom out: 88° × 57° Zoom in: 42° × 24°	Zoom out: 35° × 27° Zoom in: 15° × 11°

Distance Range

Optimal ANPR range at ambient light or at 0 lux	1.5 – 12 m [5 – 39 feet]	5 – 20 m [16 – 65 feet]
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On-Board Intelligence

OCR	CARMEN® ANPR (ALPR) engine optional	
Vehicle direction detection	Included	
CARMEN® Make and Model, Color Recognition	Optional	
Vehicle categorization	11 categories with MMR	
Trigger modes	Built-in video analytics, External software trigger (via IP), GPIO	
GUI	Event-based search, playback, pre-settings	
Integrated applications	GDS, ParkIT, CARMEN® Cloud	

Illumination

Wavelength	850 nm (infrared); continuous
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Processing & I/O

Processing unit	8-core (ARM 2x2.2GHz + 6x1.8GHz)
Ethernet port	1 Gigabit (10/100/1000)
I/O port	12-pin GPIO
Communication protocols	API, NTP, TCP/IPv4, DHCP, DNS, FTP, SFTP, HTTP, HTTPS, RTSP, SNMP, ONVIF

Storage

SD-card slot	128 GB SD card included, user exchangeable up to 512 GB
Stored events	280,000 (average event number size: 3.7 MB, SD-card size: 128 GB)
External storage type	FTP, SFTP, HTTP, HTTPS, GDS, IVS
Trigger source	Plate finder (built in analytics), External Software trigger (through IP), Hardware-based (through GPIO port)

Electrical Data

Power requirement	PoE+
Power consumption	5 W typical, 22 W max (with heating)
Connectivity	1 × PoE+ RJ45 connector, 1 × GPIO

Mechanical Data

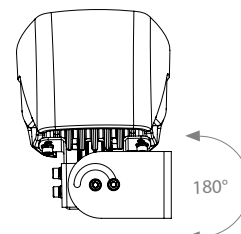
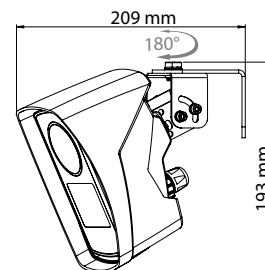
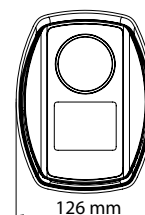
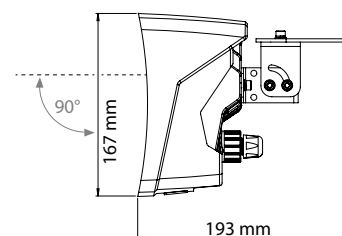
Internal operating temperature	-40°C – +85°C (-40°F – +185°F)
Protection	IP67 (weather proof, water tight)
Dimensions (HxWxD, without bracket)	167x126x100 mm / 6.57"x4.96"x3.94"
Weight (without bracket)	1.2 kg / 2.65 lbs

Optional Accessories

GPIO cable	GPIO-Cable kit, other bracket options
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Certificates

Certificate	Made in EU, CE, FCC, RoHS, NDAA compliant
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3-year warranty
Made in EU



requestinfo@adaptiveRecognition.com
www.adaptiverecognition.com

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