ADAPTIVE RECOGNITION

Einar ANPR camera

Model

	Einar	Einar T
Version	Gen 2 (2nd generation)	

Imaging

Maximum resolution (HxV pixels): framerate	8MP; 3840×2160 @ 30 FPS	
Sensor	Color, CMOS	
Day/night switch	Automatic brightness control with predefined traffic environments, or manual	
Lens (Zoom, Focus and Iris are motorized)	4 – 10 mm	9 – 22 mm
Angle of View (H×V)	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]

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

Processing & I/O

Processing unit	8-core (ARM 2×2.2GHz + 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 (trough IP), Hardware-based (trough GPIO port)

Electrical Data

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

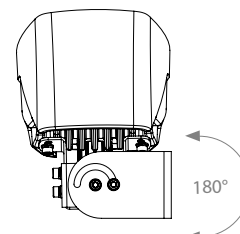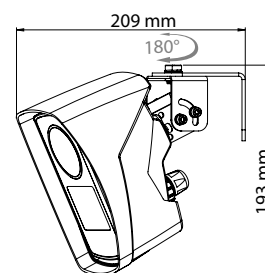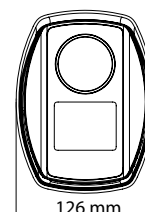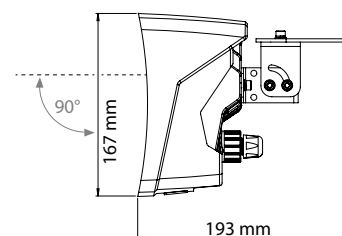## Mechanical Data

Internal operating temperature	-40°C − +85°C (-40°F − +185°F)
Protection	IP67 (weather proof, water tight)
Dimensions (H×W×D, without bracket)	167×126×100 mm / 6.57"×4.96"×3.94"
Weight (without bracket)	1.2 kg / 2.65 lbs

Optional Accessories

GPIO cable	GPIO-Cable kit, other bracket options

Certificates

Certificate	Made in EU, CE, FCC, RoHS, NDAA compliant

90° 167 mm 193 mm

126 mm

209 mm 180° 193 mm

180°

3-year warranty
Made in EU