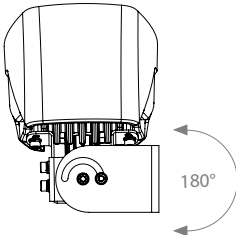
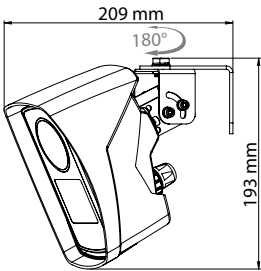
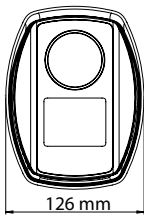
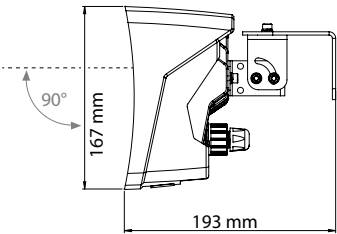
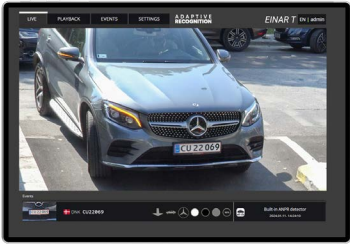


Einar – ANPR camera

Model	Einar IR light	Einar W white light	Einar TW white light & Telelens	Einar Super T IR light & Telelens
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, Focus and Iris are motorized)	4 – 10 mm	9 – 22 mm	10 – 30 mm	
Angle of View (HxV)	Zoom out: 88° x 57° Zoom in: 42° x 24°	Zoom out: 46,2° x 27° Zoom in: 19,8° x 11°	Zoom out: 42° x 24,4° Zoom in: 14,6° x 8,2°	
Custom sensor configurations (e.g., resolution, color or b/w), optics (zoom or fix, focal length, etc.) and filters (IR-band, IR-Cut, All Pass, and Polarized) are available upon request.				
Distance ANPR Range				
ANPR range	1.5 – 12 m [5 – 39 feet]	8 – 20 m [26 – 65 feet]	9 – 80 m [30 – 262 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)	visible white light	visible white light	850 nm (infrared)
Mode	continuous			
Any required wavelength (white, 760nm IR, 850nm IR, etc.) even mixed with different beam-angles are also available upon request.				
Processing & I/O				
Processing unit	8-core (ARM 2x2.2GHz + 6x1.8GHz)			
Ethernet port	100 Mbit (10/100)			
I/O port	12-pin GPIO			
Communication protocols	API, NTP, TCP/IPv4, DHCP, DNS, FTP, SFTP, HTTP, HTTPS, RTSP, SNMP, ONVIF, MQTT, Modbus, Auror, Scheidt&Bachman, Zatpark			
Storage				
Internal Storage	-			88 GB
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: 280,000 +Internal: 192,500
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 x PoE+ RJ45 connector, 1 x 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	GIPO cable, Extended shield, Hidden-cable bracket			
Certificates				
Certificate	Made in EU, CE, FCC, RoHS, NDAA compliant			



Einar / Einar Super T infrared light Einar W / Einar TW white light



3-year warranty
Made in EU

