EINAR
Traffic Monitoring Cameras

Smart Parking Made Simple

Einar is a fully automated plug-n-play camera with optional onboard ANPR and superior imaging. Its sleek design, super easy setup, and user-friendly interface make it ideal for any smart parking, slow traffic monitoring, and vehicle access projects.

Easy Installation and Operation

Preconfigured settings for direct ANPR and access control or slow traffic monitoring. IP-based remote access for convenient operation.

Powered with PoE+

Supplied by Power over Ethernet+ technology, Einar allows for a simple single-cable connection.

User GPIO-port

Factory-supported GPIO-port for direct communication. This means no intermediary device is needed for opening and closing gates and barriers.

Next Generation Smart Access Control

A Standalone Traffic Solution

The built-in software-based triggering guarantees that license plates are captured as soon as they appear on the screen. Paired with the onboard ANPR engine, you get results in the blink of an eye: images with ANPR data such as license plate, date & time, and even video recordings. Results are directly exported to the chosen database. The GPIO-port allows Einar to send data to open gates and barriers, and more.

Powered by Carmen®

ANPR-ready Imaging or Onboard ANPR

Einar delivers ANPR-ready images, allowing you to integrate them into traffic monitoring systems. For convenient, on-the-spot license plate data processing, basic Einar models can be upgraded any time with onboard ANPR, powered by Adaptive Recognition's industry-leading Carmen® engine. Carmen® boasts outstanding confidence rates even with hard-to-read plates and global coverage: the trainable software is familiar with license plates used in 180+ countries worldwide. Wherever you are on the globe, Carmen® has you covered.
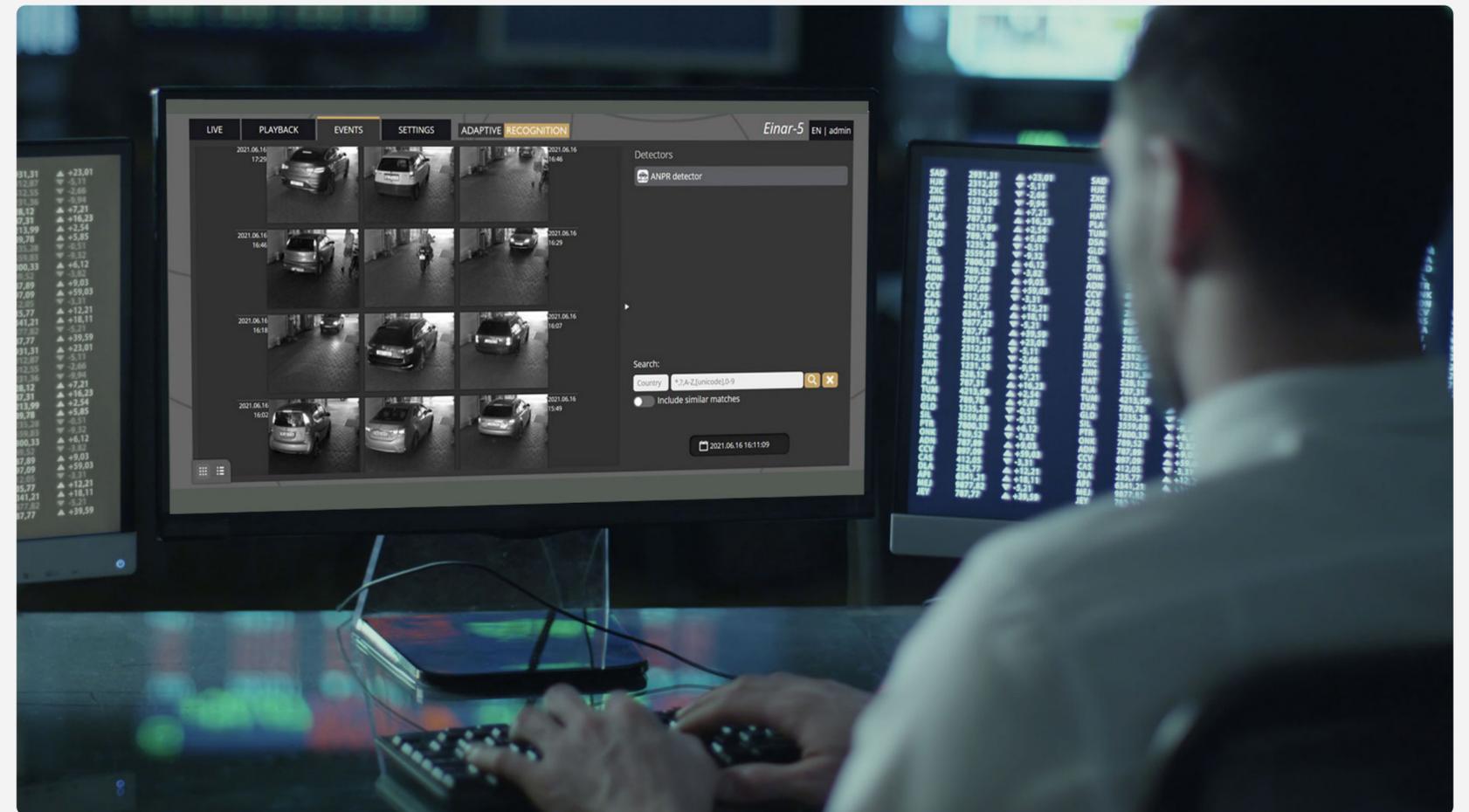
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Controllable Optics
Superior Imaging

Einar comes with a 5-megapixel color sensor unit with auto-adjustable optics, as well as built-in LED illumination. These features allow it to zoom and focus as needed, and tackle special light conditions and license plates with colored backgrounds.

Ease of Use
Simple Installation and Interface

There is no need to configure the camera in any way - Einar captures vehicles all by itself and is easy to manage via IP-based remote access. All events are saved on a micro SD card.

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Models

	Einar 5 (Standard)	Einar 5T (Telelens)	Einar 5W (White Illumination)
ANPR			
ANPR range	1.5 m – 12 m	4.5 m – 20 m	1.5 m – 12 m
Imaging			
Resolution (HxV pixels): framerate	2560 x 1920 @ 30 FPS		
Lens & zoom (all auto and motorized)	3 – 12 mm, 4x	9 – 22 mm, 2x	3 – 12 mm, 4x
Shutter	Rolling shutter		
Illumination			
Wavelength	850 nm (infrared)	White	
Illumination modes	Continuous		
Processing & I/O			
CPU for ANPR	1.25 GHz + HW accelerator		
Communication protocols	NTP, TCP/IPv4, DHCP, DNS		
Electrical Data			
Power requirement	PoE+		
Power consumption typical	5 W		
Connectivity	PoE+ RJ45 & GPIO		
SD-card slot	User accessible		
On-board Intelligence			
Carmen® ANPR	Optional		
Video analytics	Motion detection, ANPR		
Color + Make and Model Recognition (MMR)	–		
Trigger sources	In-built video analytics		
Mechanical Data			
Operating temperature (internal/ambient)	-30°C – +85°C / -30°C – +55°C		
IP rating	IP67		
Dimensions (without bracket) (LxWxH)	167 x 126 x 100 mm		
Weight (without bracket)	1.2 kg		
In the box	Camera, shield, bracket, IP67 RJ45 connector housing (cables not included), ground terminal		
Optional Accessories			
Optional GPIO cable			

Contact

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