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 and GPIO connectivity, Einar allows for a simple single-cable connection.

User GPIO-port

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

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, GPS location, and even video recordings. Results are directly exported to the chosen database. The GPIO-port allows Einar to send data and to communicate with universal controllers 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.

EINAR

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 an internal SD card accessible only for the operator.

EINAR

Models

ANPR	Einar 5 (Standard)	Einar 5T (Telelens)	Einar 5W (White Illumination)
ANPR at 0 Lux	1.5 m – 4 m	4 m – 8 m	1.5 m – 4 m
Maximum ANPR range at optimal conditions	20 m	35 m	20 m
Maximum recommended vehicle speed		70 km/h*	

Imaging

	Einar 5 (Standard)	Einar 5T (Telelens)	Einar 5W (White Illumination)
Resolution (HxV pixels) @ framerate		2592 x 1944 @ 60 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	Vehicle detection, tracking, intelligent motion detection, alarms
Color + Make and Model Recognition (MMR)	–
Trigger sources	In-built video analytics

Mechanical Data

Internal operating temperature	30°C – +85°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 connectors (cables not included)

Optional Accessories

Various brackets for different mounting solutions (i.e. hidden cables, pole mounting, wall mounting, ceiling mounting)

* Recommended maximum vehicle speed may be lower

Contact

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