

# Einar ANPR camera



|              |                        |
|--------------|------------------------|
| <b>Model</b> | <b>Einar</b>           |
| Version      | Gen 2 (2nd generation) |

|  |  |
|--|--|
| <b>Imaging</b>                             |  |
| 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  |
| ANPR range                                 | 1.5 m – 12 m / 5 ft - 39 ft  |

|  |   |
|--|---|
| <b>On-Board Intelligence</b>             |   |
| OCR                                      | ANPR (ALPR) engine on board*  |
| Vehicle direction detection              | Included  |
| Color + Make and Model Recognition (MMR) | Optional**  |
| Vehicle categorization                   | 10 categories with MMR  |
| Trigger modes                            | Plate finder (built in analytics), external software trigger (via IP), hardware-based (via GPIO port) |
| GUI                                      | Event-based search, playback, pre-settings  |
| Integrated applications                  | GDS, ParkIT, ANPR Cloud   |

|                             |  |
|-----------------------------|--|
| <b>Processing &amp; I/O</b> |  |
| CPU                         | 8-core (ARM 2x2.2GHz + 6x1.8GHz)   |
| Communication protocols     | API, NTP, TCP/IPv4, DHCP, DNS, FTP, SFTP, HTTP, HTTPS, RTSP, SNMP, ONVIF |
| I/O port                    | 12-pin GPIO  |

|                     |                               |
|---------------------|-------------------------------|
| <b>Illumination</b> |                               |
| Wavelength and mode | 850 nm (infrared), continuous |

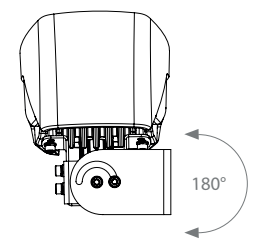
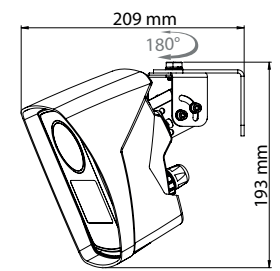
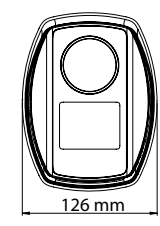
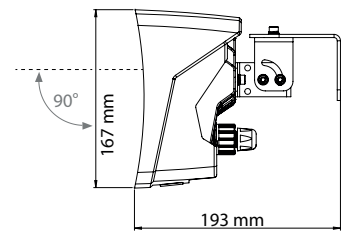
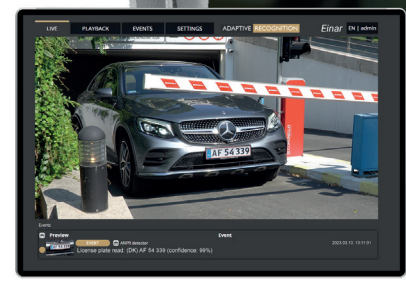
|                       |   |
|-----------------------|---|
| <b>Storage</b>        |   |
| SD-card slot          | 128 GB SD card included, user exchangeable up to 512 GB                 |
| Stored events         | Up to 140,000 (average event number size: 3.7 MB, SD-card size: 512 GB) |
| External storage type | FTP, SFTP, HTTP, HTTPS, GDS, IVS  |

|                        |   |
|------------------------|---|
| <b>Electrical Data</b> |   |
| Power requirement      | PoE+  |
| Power consumption      | 5 W (typical)***  |
| Connectivity           | Single cable with RJ45 connector (data and power) & GPIO (optional) |

|  |   |
|--|---|
| <b>Mechanical Data</b>                   |   |
| Operating temperature (internal/ambient) | -30°C – +85°C / -30°C – +55°C (-22°F – +185°F / -22°F – +131°F) |
| Protection                               | IP67  |
| Dimensions (without bracket) (LxWxH)     | 167x126x100 mm / 6.57"x4.96"x3.94"                              |
| Weight (without bracket)                 | 1.2 kg / 2.65 lbs   |

|                             |                |
|-----------------------------|----------------|
| <b>Optional Accessories</b> |                |
| GPIO cable                  | GPIO-CABLE-KIT |

|                     |  |
|---------------------|--|
| <b>Certificates</b> |  |
| Certificate         | Made in EU, NDA compliant, CE, RoHS, FCC |



\*License required (region-based) / Carmen® ANPR \*\*Carmen® MMR \*\*\*12 W (maximum)  
No responsibility is assumed for inaccuracies.

**3-year warranty**  
**Made in EU**



requestinfo@adaptiverecognition.com  
www.adaptiverecognition.com

© Copyright Adaptive Recognition Inc.  
All rights reserved.

Release date: 24. 03. 2023