CARRIDA®
TECHNOLOGIES
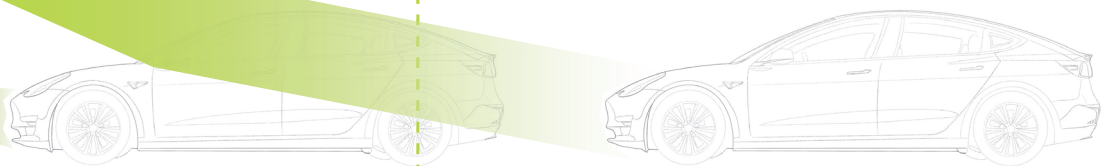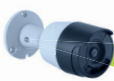
Plate-i
Low cost stand-alone ALPR camera

All-in-one:
On-sensor ALPR processing for access control and parking, engineered in Germany

Cost-optimized
Entry level package

Make & model
AI based recognition

On-sensor ALPR
No computer required

Plug & Play
Easy setup & configuration

Robust
Housing waterproof & IK10

Manual zoom
Up to a distance of 16 m

Choose the perfect camera for your distances

7 m

16 m

Standard Range
Plate-i Basic
1-7 m recognition distance

Extended Range
Plate-i Dome
1-16 m recognition distance

Technical data

Features

ALPR	High-Speed ALPR with onboard processing
Typical Accuracy	>99 %
Detection Range Basic	1 m - 7 m
Detection Range Dome	1 m - 16 m

Imaging

CMOS Sensor	4K Sony Image Sensor
Illumination	Active IR elements

Interfaces

I/Os	1 Input, 1 Output
Ethernet	100/1000 Mbit/s; PoE
Serial	RS485

Power Supply

Input	12 Volt / PoE
Power Consumption	max. 10 W

Mechanical Data

Mechanical Data	Plate-i Basic	Plate-i Dome
Dimensions	Ø 72 x 159 mm	Ø 142 x 109.6 mm
Weight	386 g incl. mounting plate and cable	Approx. 870 g
Operating Conditions	-20° C to 50° C, 20-90 % humidity, non-condensing	-20° C to 55° C, 20- 55 % humidity, non-condensing
Outdoor housing	IP66, IK10	IP66, IK10
Production	Engineered in Germany, manufactured in Taiwan	Engineered in Germany, manufactured in Taiwan

It's never been easier to setup your ALPR camera
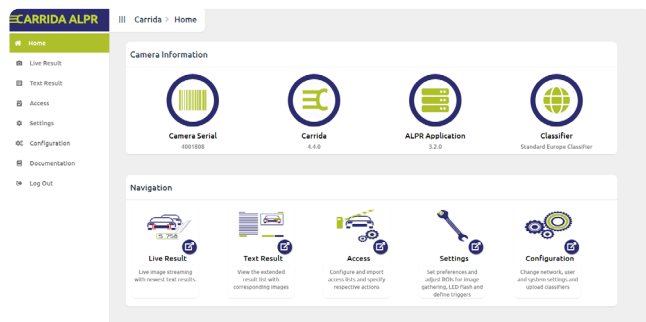
GUI for setup and configuration

Intuitiv, web-based GUI for quick and easy setup. With secure encrypted communication via standard network protocol.
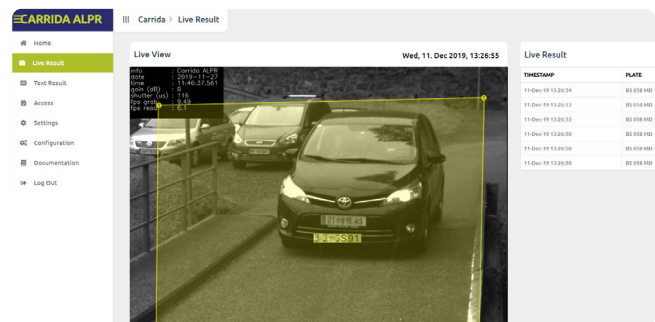
Live view and default parameters

Fast and easy optimization, with preinstalled set of parameters for image acquisition and live view of image stream / reading results.

Realize your ALPR project with CARRIDA!

Together we will find the right solution for your project

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