

CARRIDA CAM Dragon+

## Size matters! The smallest stand-alone ALPR camera

Why struggle with bulky cameras if you can get best-in-class onboard ALPR with a powerful camera the size of a credit card? That's the new CARRIDA CAM Dragon+!

**Ultra compact**  
only 91 x 62 mm

**Robust**  
IP67 protected

**>99 % Accuracy**  
for number plate reading

**Plug & Play**  
easy installation

**Flexible and versatile**  
for all ALPR tasks

**Safe**  
encrypted data  
& software

**Make & Model recognition**  
based on AI-Technology

**Onboard ALPR**  
no computer required

The CARRIDA CAM Dragon+ features the proven CARRIDA software engine for numerous ALPR applications such as access control and parking, safety, security

and law enforcement as well as smart city and tolling. It is available as ready-to-use camera or electronics kit for easy implementation in individual systems.

## Features

ALPR	High-Speed ALPR with onboard processing
Typical Accuracy	>99 %
AI Features	Make/Model Recognition, Vehicle Type Classification

## Imaging

CMOS Sensor	1/2.9" Sony IMX 273, monochrome or color
Max. Resolution	1440 x 1080 Pixels (can be adapted to ROI)
Image Acquisition	Global Shutter / 205 full-frames per second
Lens Options	Different lenses for detection and reading distances of 8m - 25m

## Processor

Processor Type	Quad-Core ARM® Cortex®-A53
RAM	1 GB DDR-SDRAM
Memory	Flash EPROM – 16 GB industrial eMMC

## Interfaces

I/Os	Multiple I/Os, programmable + Trigger / Flash I/O
Ethernet	100 MBit/s

## Additional Features

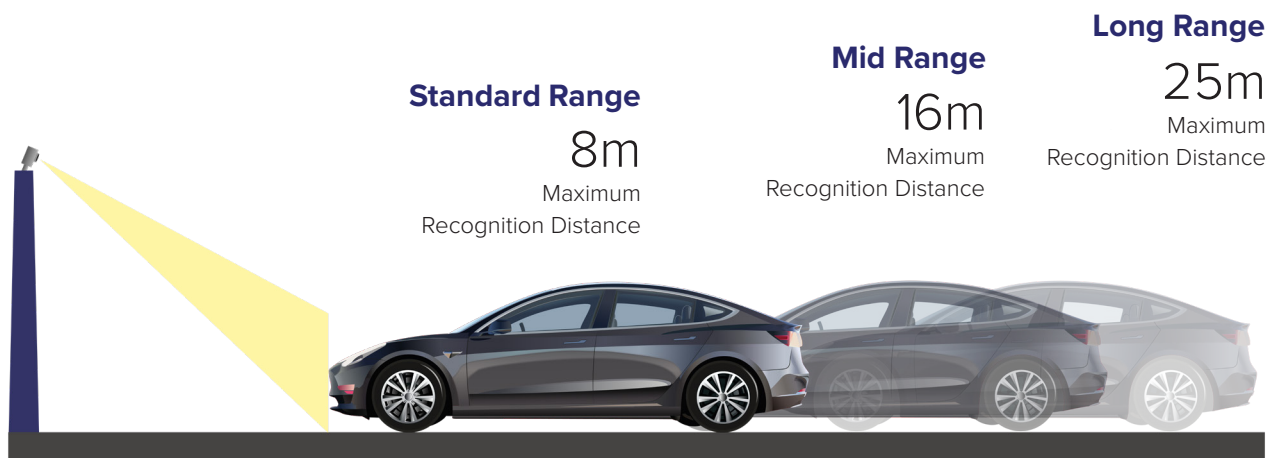
RTC	Real time clock with backup battery
LEDs	850nm LED Flash Light (940nm or white light LED on request)

## Power Supply

Input	24 VDC +/- 20%, max. 1200 mA
Power Consumption	Typical < 6 W

## Mechanical Data

Dimensions	46 x 62 x 91 mm (LxWxH)
Weight	Approx. 450g
Operating Conditions	-20 to +50 deg C, Max. humidity: 80%, non condensing
IP rating	IP67



What does your ideal ALPR solution look like?  
Talk to us about your ideas:

☎ Phone: + 49 7243 - 216 729  
✉ [info@carrida-technologies.com](mailto:info@carrida-technologies.com)

**CARRIDA Technologies GmbH**  
Ottostr. 2  
76275 Ettlingen  
Germany

[www.carrida-technologies.com](http://www.carrida-technologies.com)