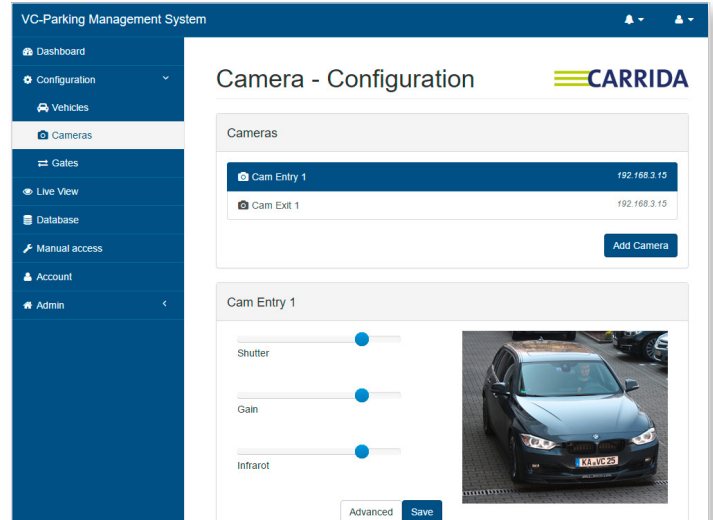


# Park Management System

The CARRIDA park management system is a smart and easy to integrate **OEM SW module** for automated vehicle access to restricted areas of all kinds. It is based on the powerful LPR software engine CARRIDA, that reliably recognizes number plates. The park management software itself is a database GUI solution.

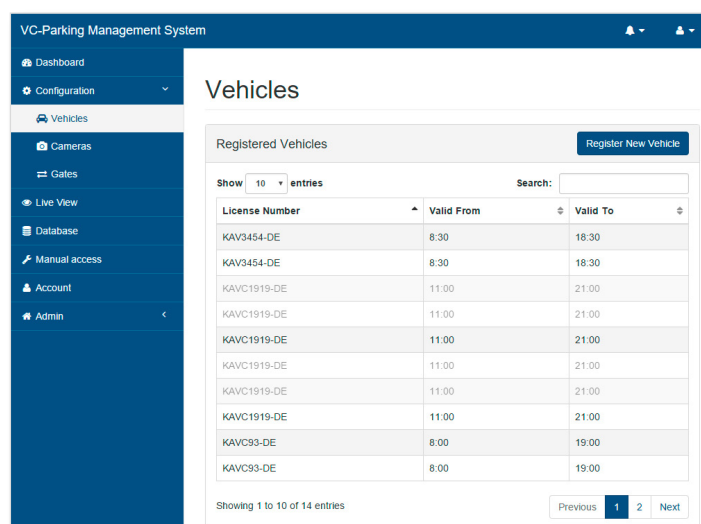
## Mode of operation:

The stand-alone CARRIDA camera system detects and reads the license plate of approaching vehicles and processes the data. Dependent from the respective license plate's status in the black/white list, the barrier/gate opens or does not open. Alternatively, the software can be programmed to release signal for help for example. All collected data are stored and can be retrieved for statistics or control purpose.



## Features:

- Stand-alone system, fully automated
- Complete package: CARRIDA Cam (HW) + web-based park management SW module
- Flexible system for easy integration into existing infrastructure, but also separated from the barrier
- Remote access via web GUI, also from handhelds
- Hardware interfaces: LAN, I/O, serial RS232, RS485 (option)
- Network-compatible with interfaces to other relevant components like under vehicle scanners (UVSS), ticket printers, barriers, etc.
- Free run mode or trigger mode
- Full data logging (automatic + manual) on internal memory (selectable, min. 16 GB) and transferred via LAN
- Can be used worldwide in all countries (integrated ALPR/ANPR data base), also foreign license plates are recognized
- Multiple cameras with master slave configuration to control all entries/exits
- Typical configuration: 1 master camera + n slave cameras
- Operating: 24/7/365 under all weather and lighting conditions
- Control + configuration of all cameras via web tool



## Ideally suited for example for

- Residential areas
- Company areas like vehicle access to factories or security relevant sectors such as bank companies, airports, hotels, harbours etc.
- Shopping malls
- Car parks/Parking garages
- Areas with restricted access in general

## Hardware specifications

### Smart Camera Systems VC pro Z + VCSBC nano Z

- Input voltage: 24 V
- CPU: Dual Core ARM @866 MHz processing with FPGA
- Resolution: options with several image sensors up to 2 MPix
- Control: internal control panel and GUI
- Power consumption: 3 W appr.
- Optional: external lighting module with 24 high-power LED IR-Flash lights

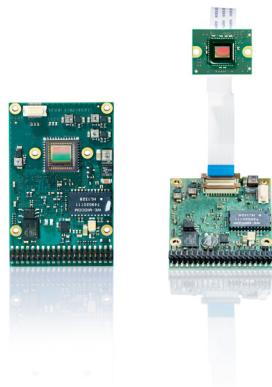
### Specials for VC pro Z



#### VCpro Z

- Dimensions: appr. 88 x 58 x 36 mm, appr. 300 g
- Lighting: built-in white or IR ring light for up to 7 m distance
- Housing: outdoor protection IP67 rated

### Specials for VCSBC nano Z



#### VCSBCnano Z

- Dimensions:  
Model with sensor on board: appr. 40 x 65 mm, appr. 20 g  
Model with external sensor board: appr. 40 x 50 mm  
CPU board + 18 x 24 mm sensor board, cable length 30/80/200 mm, appr. 20 g
- Easy to integrate also into small housings



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