

SCANACAR SMARTCAM

Camera, Computer AND Application in ONE!
License Plate Recognition that is Fast, Flexible and Ready to Use

SCANACAR has now been integrated into one of the most powerful smart cameras available, the SCANACAR SMARTCAM. The SCANACAR SMARTCAM can work as a standalone unit processing license plates on the spot. The system can be used out of the box, you just need electrical power.

License Plate Recognition

Universal License Plate Recognition (SCANACAR) enables you to translate license plates from images to computer readable text. Once you do this you can store all information into databases and take action accordingly. Now this application is running on the camera itself thus eliminating the need for a separate computer.



Ease of use

The camera comes with a pre-installed version of SCANACAR so you can start recognizing license plates straightaway. You can use the system on a fixed location or you can use it to monitor license plates from within your car.

Integration

SCANACAR is a part of a total solution. You can use this system in parking, security and traffic solutions. It is able to send its data to a central location where advanced reports can be created depending on the need of the application.

Options

The combination lets you build a system that fits your business needs. You can add extra storage to the system to let it store all information locally. You can also use a GPS module to be able to report on the exact location of the system.

To let the system be accessible in remote locations you can add GPRS modules to it so you can dial in to the system. The same connection can be used to transport local gathered data to the central location.



- Sony Smart Camera, everything in one solution
- Integrated application for License Plate Recognition
- Modular design for ease of integration
- High speed recognition of license plates
- High recognition rate
- Flexible in use and installation

Specifications SCANACAR	
SCANACAR Smartcam pre-installed with SCANACAR Engine	Sony smartcam XGA including OS and SCANACAR Engine
SCANACAR Smartcam pre-installed with SCANACAR Engine	Sony smartcam VGA including OS and SCANACAR Engine
SCANACAR Mobile	Specialized client for SCANACAR Engine to use as active detection and triggering in a mobile situation
SCANACAR Engine	SCANACAR software to detect license plates from one camera input. Speeds possible at 40 fps, depending on hardware used
SCANACAR Application server	Full Apache Tomcat Java servlet to run reports, input triggers and supply an API for interconnections to other systems.
SCANACAR Client	Easy to use software client ("Fat client") to screen what license plates are detected, reporting and triggering.
SCANACAR System	Full operational SCANACAR pre-installed on HP hardware, with either IP camera inputs or Analog inputs.

Specifications SCANACAR SMARTCAM
High Performance 400MHz Geode GX533 Processor
<ul style="list-style-type: none"> • x86-compatible architecture • 128 MB main memory (DDR-SDRAM) and 1MB flash memory • Integrated 128 MB Compact Flash™ memory card • Low power consumption
Easy Camera Settings
High Shock and Vibration Resistance
Various Interfaces
<ul style="list-style-type: none"> • 10Base-T/100Base-TX interface for network operation • Monitor output • USB 1.1 interface • RS-232C serial interface and digital input/output allow cameras to be connected with external equipment such as sensors, strobe lights and Programmable Logic Controllers (PLC).
1/2-type Progressive Scan CCD With Square Pixels
Partial Scanning Function
High-resolution SXGA-sized Images Captured at 15 fps
<ul style="list-style-type: none"> • Allows users to select a specific scanning area to reduce data size and increase frame rate, which minimises image processing time. • Scanning area can be specified from 32 lines up to 1024 lines (vertically) in 32-line increments and from 384 pixels up to 1280 pixels (horizontally) in 128-pixel increments.
Binning Function
<ul style="list-style-type: none"> • Vertical binning combines image data for every two lines vertically to increase the frame rate, which minimises image processing time. • Horizontal binning combines image data for every two pixels horizontally, which increases the sensitivity.
External Trigger Input
Trigger Delay Function
<ul style="list-style-type: none"> • Allows users to delay trigger timing from 0 to 4 seconds in 1 ms increments to capture images accurately.
Compact and Lightweight
<ul style="list-style-type: none"> • 55 (W) x 55 (H) x 110 (D) mm (2 1/4 x 2 1/4 x 4 3/8 inches), 400 g (14 oz)

Interested?

Please contact us by sending an email with your request to info@abcoin.nl or call directly with Mr. Allard Blom on +31 (0) 294 750 333