

FXCAMd 102c

Special smart camera for
number plate recognition applications

FXCAMd 102c is a special smart camera which is assembled from ARH products.

It is a pre-built ANPR/LPR system, including

- ANPR camera
- PC
- ANPR software.

Fixed factory settings make the installation and startup process easy and quick. The camera is ready to operate right after the power is switched on.

The integration process of the FXCAMd 102c is very easy: the stored images and recognition data can be downloaded through a webserver.

FXCAMd 102c itself provides the optimal images, which are automatically passed to Carmen ANPR engine. Ideal for moving traffic applications.

To provide optimal image quality in various operating environments, the camera is equipped with an infra-red illuminator unit that is built-in to the camera housing.

The infrared light provides excellent illumination for reflective number plates both day and night.

Effective range is up to 15 meters (48ft) but it may vary depending on the specific environmental conditions.

The advanced camera technology is dedicated for 24/7 number plate recognition.



Technical specifications

of FXCAMd102c smart camera

Camera

ANPR camera

- Wide VGA digital infra camera
- Resolution : 752 X 480

Lens

- High quality varifocal motoric zoom and iris
- Effective range 3-15m
- IR pass filter included

High performing illumination

- High power IR leds - ideal for ANPR
- Strong sunlight/shadow correction
- Energy saving

Extras

- Auto focus
- Auto brightness control

PC

CPU

- 1.6 GHz Intel Atom CPU 32 bit

Memory

- 2GB SSD
- At least 1GB free memory for user data

Network

- Gigabit ethernet card
- Webserver for smooth communication

Operating system

- Linux, Fedora 10 32 bit



Other specifications

Trigger

- GPIO

Power consumption

- Isolated 24-28V AC or 30-36V DC input (50-60 Hz)
- 17-48 W (28V AC) [depending on heating ON/OFF]
- Automatic internal heating with thermostat

Operation temperature

- -10°C - +50°C (extra heating optional)

Weight

- Net: 5.5 kg (including sunshield)

Dimensions

- 290 x 218 x 155 mm (including sunshield)

IP class

- IP 67