A3000 Video Analytic Application Server

(Linux based Video Analytics plugin server)

Automatic Number Plate Recognition

xtralis.

Benefits Summary:

- *Technically designed for Access Control*
- *Compatible with Xtralis Security solutions portfolio*
- *Xtralis quality and reliability*
- *Easy installation & configuration*
- *Possibility to avoid badge and badge reader management costs for vehicle entry*
- *Faster access for 'allowed' vehicles*

◇ **xtralis.**

M3000 v3.1.14 Release :

-*Support for A3000 ANPR*

This interface into M3000 allows A3000 unit to retrieve cardholders having numberplate(s) defined. A maximum of 2 plates per cardholder can be defined. M3000 will also allow search on numberplate field in history.

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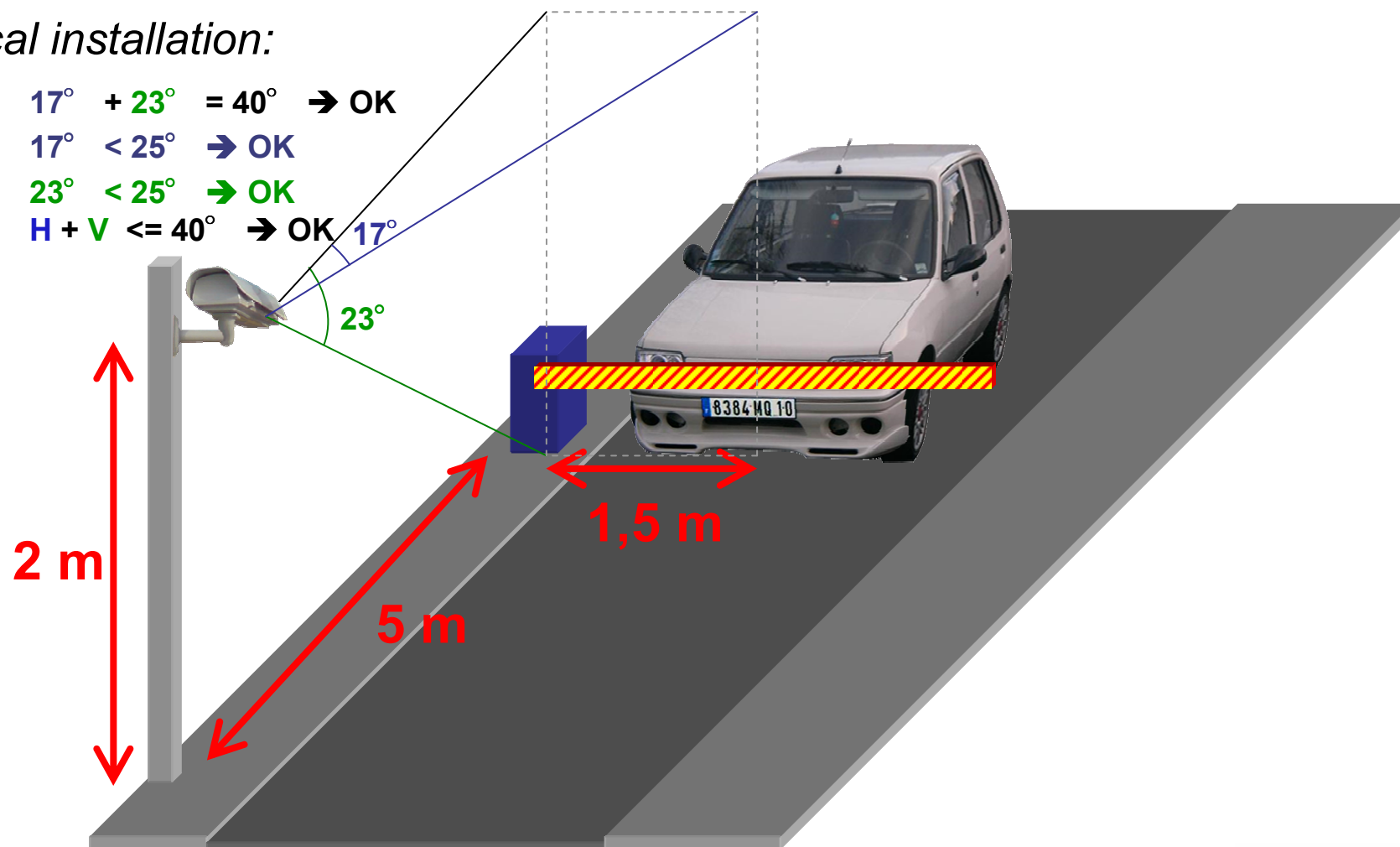*Typical installation:*

$17°$ + $23°$ = $40°$ ➔ OK
$17°$ < $25°$ ➔ OK
$23°$ < $25°$ ➔ OK
H + V <= $40°$ ➔ OK

$17°$

$23°$

2 m

5 m

1,5 m

8384 MQ 10

ANPR M3000 user GUI = Client (auto pop-up) GUI for manual interaction at reception

- *ANPR system verifies if number plate is known within DB of system M3000 DB.*

- *If numberplate not found an operator can be asked to verify the plate and correct it.*

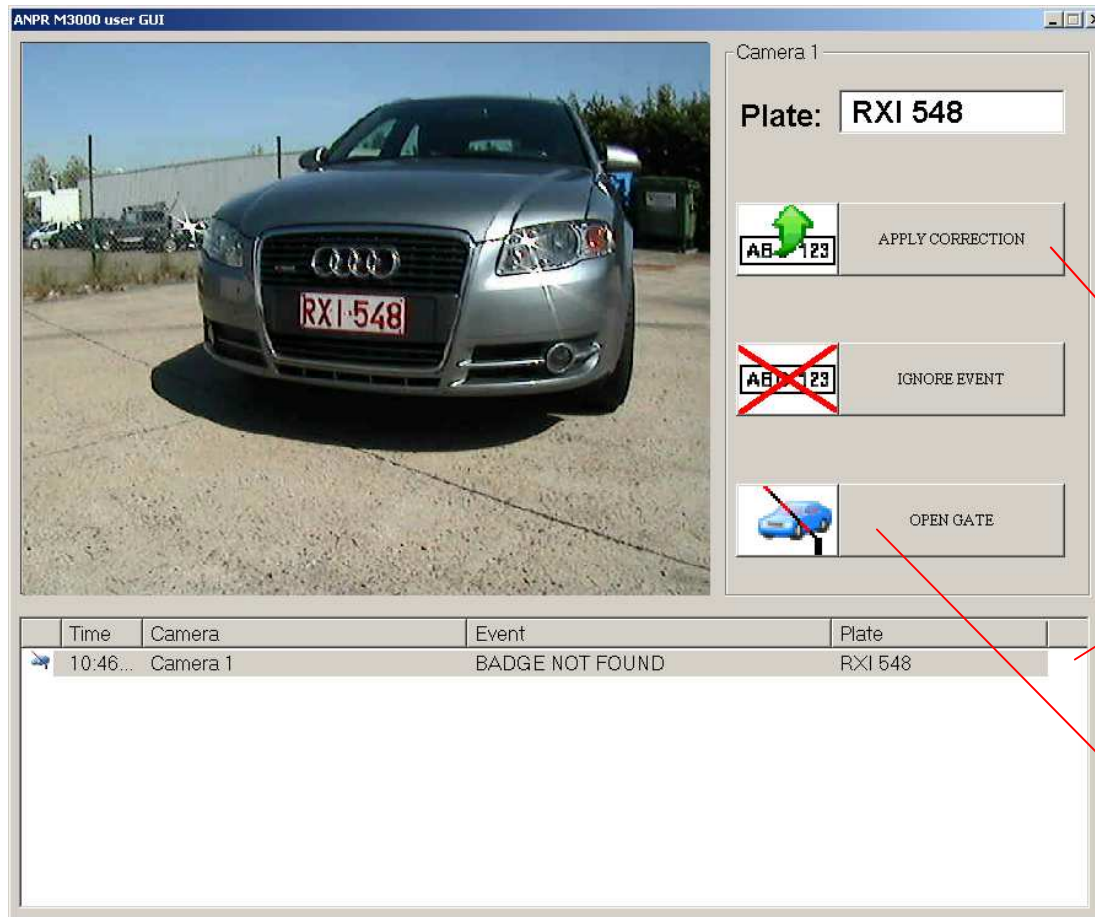- *Also a manual opening of the gate can be achieved (Master Key Badge)*

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A3000 - S3000:RDCU Configuration:

A3000 - S3100 Configuration:

Master Key Badge

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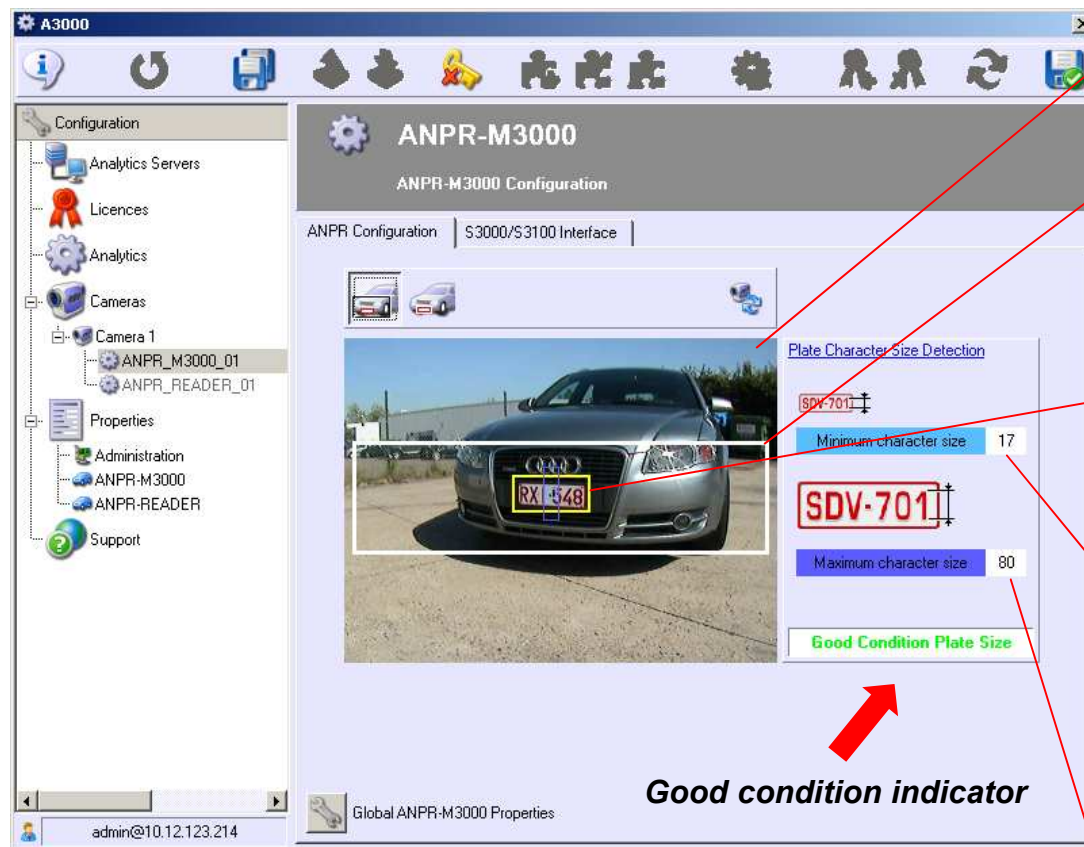
- FOV = Field of view :
Full camera image

- ROI = Region of interest:
Area in the camera image where the number plate will apear while approaching the ANPR system.

- LPA = License plate area:
Determines the size of the number plate within the ROI. Remark : LPA = Test area for configuration = no parameter!!!

- Min. character size = 17 pixels:
Minimum number of pixels (character height) to be able for the analytics algoritme to recognize alfa-numerical characters.
Ex : Facial recognition = 330 pixels/meter
License plate recogn. = 150 pixels/meter
Visual identification = 100 pixels/meter

- Max. character size = 80 pixels:

Good condition indicator

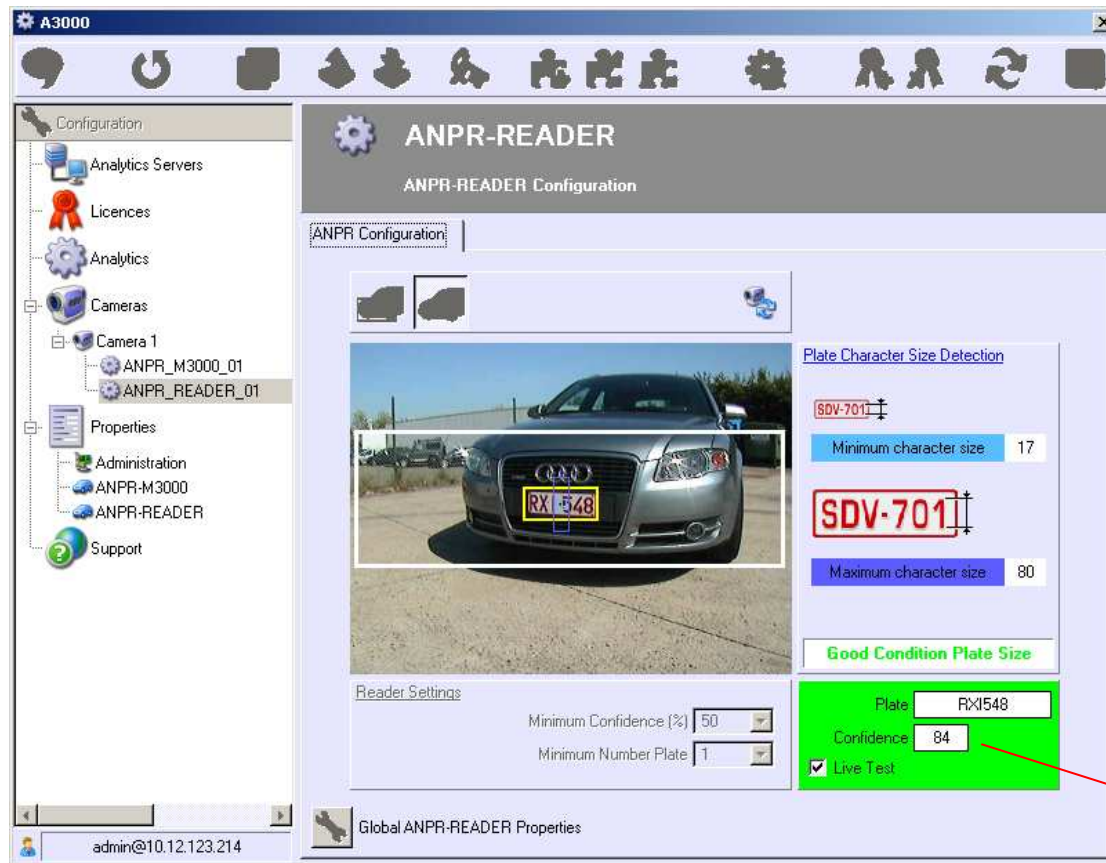FIRE DETECTION · VIDEO SURVEILLANCE · ACCESS CONTROL · INTRUSION DETECTION · TRAFFIC MANAGEMENT · COMMAND & CONTROL SOFTWARE

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- **- Live test available:**

If good condition indication is ok,
a live test will result in a reliability
indicator.

Reliability indicator should be >= 70 %

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- *FXCAM is an advanced camera technology dedicated for 24/7 number plate capturing.*
- *The camera is equipped with an infra-red illuminator built-in to the camera housing.*
- *Although the flash light power (light emission) is 2000 W, due to the synchronizing unit the power consumption is only 20W.*
- *Fixed factory settings make the installation and startup process easy and quick.*
- *The smart shutter technology enables you to make an adaptive image capturing system, controlled automatically by software.*

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