

WiseNet Camera

OoB with FF ANPR application

Installation and Setup Checklist

Model	Location	MAC	IP

ANPR Application quick access link template:

<http://<IP>/home/setup/opensdk/html/NumberOkEdgeHanwha/index.html?AppName=NumberOkEdgeHanwha>

RTSP access: <rtsp://<login>:<password>@<IP>:554/profile2/media.smp>

Camera mounting

- ☐ pan/tilt angles do not exceed 30°
- ☐ plate tilt against frame horizon doesn't exceed 5°
- ☐ lens zoom adjusted so plates width within intended recognition zone no less than 130px (1/10 - 1/5 of FullHD frame width)
- ☐ no obstacles that might visually split plates within intended recognition zone

distances to the subject located within intended recognition zone:

- ☐ min is no less than... (see the table)
- ☐ max doesn't exceed 15m / 50ft

Height/distance guide

H	L min	H	L min
meters		feet	
3.0	5.1	10	17.3
3.5	6.0	12	20.7
4.0	6.9	14	24.2
4.5	7.7	16	27.7
5.0	8.6	18	31.1
5.5	9.5	20	34.6
6.0	10.3	22	38.1

Camera settings

Browser in use:

- not Internet Explorer

iPolis / WebViewer

Setup > Basic

- ☐ Date & Time
- ☐ IP Settings

Setup > Event > Storage

- ☐ Device SD : Enable, Format, Status = Recording
- ☐ Overwrite, Auto delete : as appropriate

Setup > Video & Audio > Video setup

- ☐ Flip / Mirror mode : as appropriate

Setup > Video & Audio > Camera setup

- ☐ Sensor: 25 fps
- ☐ SSDR: Off
- ☐ White balance: ATW
- ☐ Back light: Off

☐ Exposure setup:

- ☐ Minimum shutter: 1/700
- ☐ Maximum shutter: as much as possible
- ☐ Anti flicker: Off
- ☐ SSNR (noise reduction): default
- ☐ Lens: as appropriate (set to DC whenever available)
- ☐ P-Iris: set to maximum
- ☐ AGC (gain control): Off

☐ Day/Night setup:

- ☐ Mode: B/W
- ☐ Simple focus after D/N: Off
- ☐ Other settings: default

Setup > Video & Audio > Focus setup

- ☐ Adjusted for intended recognition zone
- ☐ Cross checked via full-frame snapshots

Final checks

- ☐ Exposure checked and is OK day and night
- ☐ No motion blur checked and is OK
- ☐ Focus checked and is OK
- ☐ Plate pixel width checked and is OK

ANPR Application Setup

iPolis / WebViewer

Setup > System > Open SDK / Open Platform

- ☐ Application installed
- ☐ Priority = High
- ☐ Auto start = Use (checked)
- ☐ Application started

FF ANPR application

Settings

- ☐ Recognition zone adjusted
- ☐ No OSD within recognition zone
- ☐ No obstacles that may visually split plates within recognition zone
- ☐ Plates **do not** enter/exit zone across **left and right** borders of the zone
- ☐ Min plate width measured and adjusted
- ☐ [optional] NVR set up
- ☐ [optional] FF-cloud / JSON set up
- ☐ [optional] reactions set up
- ☐ [optional] Black and White lists populated
- ☒ **Settings saved**

Technical Support

<https://www.hanwha-security.eu/support/support-faqs/>