



***HIKVISION***

First Choice for Security Professionals

2015

# *V1.0 Specification*

## *Specifications*

- Edge analysis
- Black List, White list
- License plate search & video linkage
- Statistics of vehicle enter and exit time
- At speed of 70 km/h
  - Capture rate 99%
  - Recognize rate  $\geq 95\%$

# *System*

## *Camera*

- Darkfighter cameras
- Lightfighter cameras

## *Software*

- iVMS5200P
- SDK for third party software

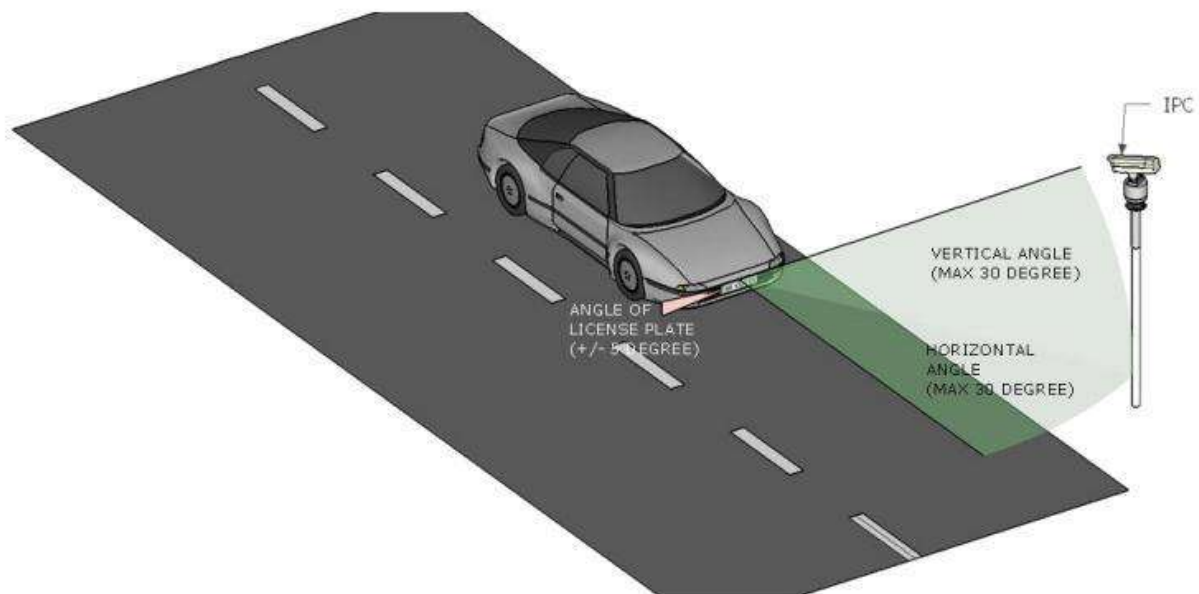
## *NVR*

- Netra series



## *LPR camera installation*

- 1) LP width should be not less than 130 pix on frame
- 2) Vertical angle should be less than 30 degree;
- 3) Horizontal angle should be less than 30 degree;
- 4) LP angle should be less than 5 degree in both side.



## *Night-time Performance*

WDR on



## *Head Light Handle*

Low AGC on



## *Head Light Handle*

Low AGC on



# Settings on Camera

Live View   Playback   Log   **Configuration**

**Local Configuration** ^

- Local Configuration

**Basic Configuration** v

**Advanced Configuration** ^


- System
- Network
- Video/Audio
- Image
- Security
- Basic Event
- Smart Event
- Storage
- People Counting
- Road Traffic**

**Detection Configuration**   Picture   Camera

Detection Type: Vehicle Detection

Enable

**Area Settings**



Total Number of Lanes: 2

Region: Europe

# Black/white list on NVR

The screenshot displays the HIKVISION NVR Configuration interface. The top navigation bar includes 'Live View', 'Playback', 'Picture', and 'Configuration'. The left sidebar lists various system settings: Local, System, Network, Video/Audio, Image, Event, Storage, Vehicle Detection (highlighted), and VCA. The main configuration area is titled 'Vehicle Detection Configuration' and includes sub-tabs for 'Picture' and 'Camera'. The 'Channel No.' is set to 'IP Camera1'. The 'Enable Vehicle Detection' checkbox is checked. The 'Type' dropdown menu is open, showing options: 'Other', 'Black List', 'Arming White List', and 'Other'. The 'Area Settings' tab is active, showing a live video feed from 'Camera 01' with yellow vertical lines indicating detection boundaries labeled 'Left Border' and 'Right Border'. The video feed includes a timestamp: '02-28-2015 Sat 15:38:40'.

# Black/white list on NVR

**HIKVISION** Live View Playback Picture **Configuration**

**Vehicle Detection Configuration** Picture Camera

Channel No. IP Camera1

Enable Vehicle Detection

Type Black List

Area Settings Arming Schedule **Linkage Method**

<input type="checkbox"/> Normal Linkage	<input type="checkbox"/> Trigger Alarm Output	<input type="checkbox"/> Trigger Channel
<input type="checkbox"/> Audible Warning	<input type="checkbox"/> A->1	<input checked="" type="checkbox"/> D1
<input type="checkbox"/> Send Email	<input type="checkbox"/> A->2	<input type="checkbox"/> D2
<input type="checkbox"/> Notify Surveillance Center	<input type="checkbox"/> A->3	
<input type="checkbox"/> Full Screen Monitoring	<input type="checkbox"/> A->4	
	<input type="checkbox"/> D1->1	

# Black/white list on NVR

 Vehicle Detection

 VCA

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**Export**

Black List/White List

**Import Config. File**

Black List/White List

Status

# Plate picture search

Download by File

Search Conditions	File List							Download	Stop Downloading
	No.	File Name	Start Time	End Time	File Size	Progress	Live View		
Channel No. IP Camera2	1	ch0002_000000001370000000512002_86LS...	2015-02-13 16:12:04	2015-02-13 16:12:04	273 KB		Live View		
	2	ch0002_000000001370000280576003_86LS...	2015-02-13 16:14:00	2015-02-13 16:14:00	333 KB		Live View		
File Type Vehicle Detection	3	ch0002_000000001370002635264003_86LS...	2015-02-13 16:14:35	2015-02-13 16:14:35	334 KB		Live View		
	4	ch0002_000000001370004691456002_86LS...	2015-02-13 16:14:51	2015-02-13 16:14:51	272 KB		Live View		
Country All	5	ch0002_000000001370005630464003_86LS...	2015-02-13 16:15:11	2015-02-13 16:15:11	324 KB		Live View		
	6	ch0002_000000001370005963264003_86LS...	2015-02-13 16:15:14	2015-02-13 16:15:14	323 KB		Live View		
Plate No. 86	7	ch0002_000000001370006621184003_86LS...	2015-02-13 16:15:23	2015-02-13 16:15:23	324 KB		Live View		
	8	ch0002_00000000137000794776003_86LS...	2015-02-13 16:15:47	2015-02-13 16:15:47	323 KB		Live View		
Start Time 2015-02-10 00:00:00	9	ch0002_000000001370009571840003_86LS...	2015-02-13 16:16:15	2015-02-13 16:16:15	308 KB		Live View		
	10	ch0002_000000001370012096512003_86LS...	2015-02-13 16:16:49	2015-02-13 16:16:49	307 KB		Live View		
End Time 2015-02-28 23:59:59	11	ch0002_000000001370014310400003_86LS...	2015-02-13 16:17:26	2015-02-13 16:17:26	308 KB		Live View		
	12	ch0002_000000001370014944256003_86LS...	2015-02-13 16:17:32	2015-02-13 16:17:32	307 KB		Live View		
	13	ch0002_000000001370017466880003_86LS...	2015-02-13 16:18:12	2015-02-13 16:18:12	307 KB		Live View		
	14	ch0002_000000001370018097152003_86LS...	2015-02-13 16:18:19	2015-02-13 16:18:19	307 KB		Live View		

# ANPR setting

## Camera Management

### VCA

Enable Face Recognition  Save

Camera [D3] IPCamera 01 Save VCA Picture

Face Detection	<b>Vehicle Detection</b>	Line Crossing Dete...	Intrusion Detection	Region Entrance D...	Region Exiting Del...	Littering Detection	People Gathering De...
Fast Moving Detec...	Parking Detection	Unattended Bagga...	Object Removal D...	Audio Exception D...	Defocus Detection	Sudden Scene Ch...	PIR Alarm

Enable

Settings  Black List  White List  Other

Rule 1 Rule Settings



- Draw Line
- Draw Qua...
- Clear All

### The Plate Of Black&White List

Import/Export

No.	Plate No.	Classification

Live View

Apply

Back

# Plate number search

VCA Search

Behavior Search

Face Search

Plate Search

People Counting

Heat Map

Live View

Plate Search

<input checked="" type="checkbox"/> IP Camera	<input checked="" type="checkbox"/> D1	<input checked="" type="checkbox"/> D2	<input checked="" type="checkbox"/> D3	<input checked="" type="checkbox"/> D4	<input checked="" type="checkbox"/> D5	<input checked="" type="checkbox"/> D6	<input checked="" type="checkbox"/> D7	<input checked="" type="checkbox"/> D8
	<input checked="" type="checkbox"/> D9	<input checked="" type="checkbox"/> D10	<input checked="" type="checkbox"/> D11	<input checked="" type="checkbox"/> D12	<input checked="" type="checkbox"/> D13	<input checked="" type="checkbox"/> D14	<input checked="" type="checkbox"/> D15	<input checked="" type="checkbox"/> D16
	<input checked="" type="checkbox"/> D17	<input checked="" type="checkbox"/> D18	<input checked="" type="checkbox"/> D19	<input checked="" type="checkbox"/> D20	<input checked="" type="checkbox"/> D21	<input checked="" type="checkbox"/> D22	<input checked="" type="checkbox"/> D23	<input checked="" type="checkbox"/> D24
	<input checked="" type="checkbox"/> D25	<input checked="" type="checkbox"/> D26	<input checked="" type="checkbox"/> D27	<input checked="" type="checkbox"/> D28	<input checked="" type="checkbox"/> D29	<input checked="" type="checkbox"/> D30	<input checked="" type="checkbox"/> D31	<input checked="" type="checkbox"/> D32
	<input checked="" type="checkbox"/> D33	<input checked="" type="checkbox"/> D34	<input checked="" type="checkbox"/> D35	<input checked="" type="checkbox"/> D36	<input checked="" type="checkbox"/> D37	<input checked="" type="checkbox"/> D38	<input checked="" type="checkbox"/> D39	<input checked="" type="checkbox"/> D40
	<input checked="" type="checkbox"/> D41	<input checked="" type="checkbox"/> D42	<input checked="" type="checkbox"/> D43	<input checked="" type="checkbox"/> D44	<input checked="" type="checkbox"/> D45	<input checked="" type="checkbox"/> D46	<input checked="" type="checkbox"/> D47	<input checked="" type="checkbox"/> D48
	<input checked="" type="checkbox"/> D49	<input checked="" type="checkbox"/> D50	<input checked="" type="checkbox"/> D51	<input checked="" type="checkbox"/> D52	<input checked="" type="checkbox"/> D53	<input checked="" type="checkbox"/> D54	<input checked="" type="checkbox"/> D55	<input checked="" type="checkbox"/> D56
	<input checked="" type="checkbox"/> D57	<input checked="" type="checkbox"/> D58	<input checked="" type="checkbox"/> D59	<input checked="" type="checkbox"/> D60	<input checked="" type="checkbox"/> D61	<input checked="" type="checkbox"/> D62	<input checked="" type="checkbox"/> D63	<input checked="" type="checkbox"/> D64

Start Time 02-28-2015 00:00:00

End Time 02-28-2015 23:59:59

National All

Plate No.


Search Back

# Picture/footage/Statistical Info

Plate Search

Chart List

All



D1 02-05-2015 04:51:10 D1 02-05-2015 04:51:32 D1 02-05-2015 04:51:59 D1 02-05-2015 04:52:24 D1 02-05-2015 04:53:17

D1 02-05-2015 04:54:30 D1 02-05-2015 04:54:49 D1 02-05-2015 04:54:55 D1 02-05-2015 04:55:23 D1 02-05-2015 04:56:37

D1 02-05-2015 04:59:00 D1 02-05-2015 05:00:11 D1 02-05-2015 05:00:15 D1 02-05-2015 05:00:19 D1 02-05-2015 05:00:23

D1 02-05-2015 05:03:21 D1 02-05-2015 05:03:24 D1 02-05-2015 05:04:15 D1 02-05-2015 05:04:17 D1 02-05-2015 05:04:44

Total: 1668 P: 23/84




Plate No. 4VTG19

Filter

Country: Netherlands

Picture  Record  Statistical Information

Export All Export Back

## *LPR Library*

17<sup>th</sup> Feb 2015

### Eastern Europe

- Czech Republic
- Slovakia
- Poland

### North West Europe

- The Netherlands
- Germany

### South Europe

- France
- Italy
- Spain

## *LPR Library 2<sup>nd</sup> Phase*

30<sup>st</sup> April 2015

Israel

UK

Eastern Europe

- Hungary
- Bulgaria
- Romania
- Serbia
- Greece
- Croatia

North West Europe

- Belgium
- Luxembourg
- Denmark
- Finland
- Norway

South Europe

- Portugal

**HIKVISION**

**THANK YOU!**

[www.hikvision.com](http://www.hikvision.com)

