WINIC

3mp IP License Plate Capture Camera

Operation Guiding

Content

1 Overview

1.1 Product Introduction

◆ This product is called network license plate capture camera

◆ Customers can use NVR,VMS or Web to do capturing on plate number.
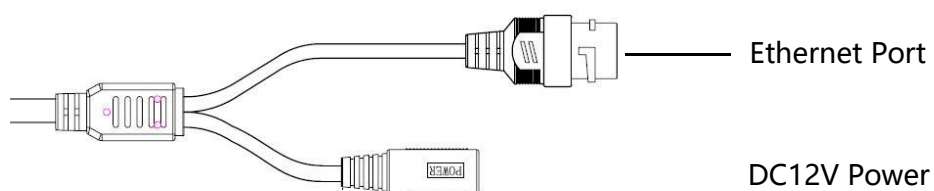
1.2 Product features

◆ Capture speed reach up to 90km/h

◆ Frame rate maximum 60fps/s

◆ Picture resolution maximum 3MP

2 Product Structure

2.1 Product Dimension

2.2 Product Cables

Ethernet Port

DC12V Power
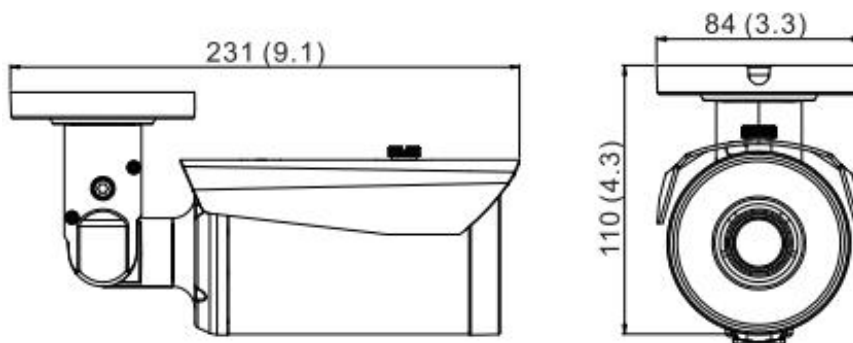
3 Product Installation

3.1 Installation method

a. Suggested installation height is around 1.5M from the ground;

b. Vertical angle range between camera lens and plate number is suggested between 38° -10° ;

c. Horizontal angle between camera lens and plate number is suggested between 35° - 8°.
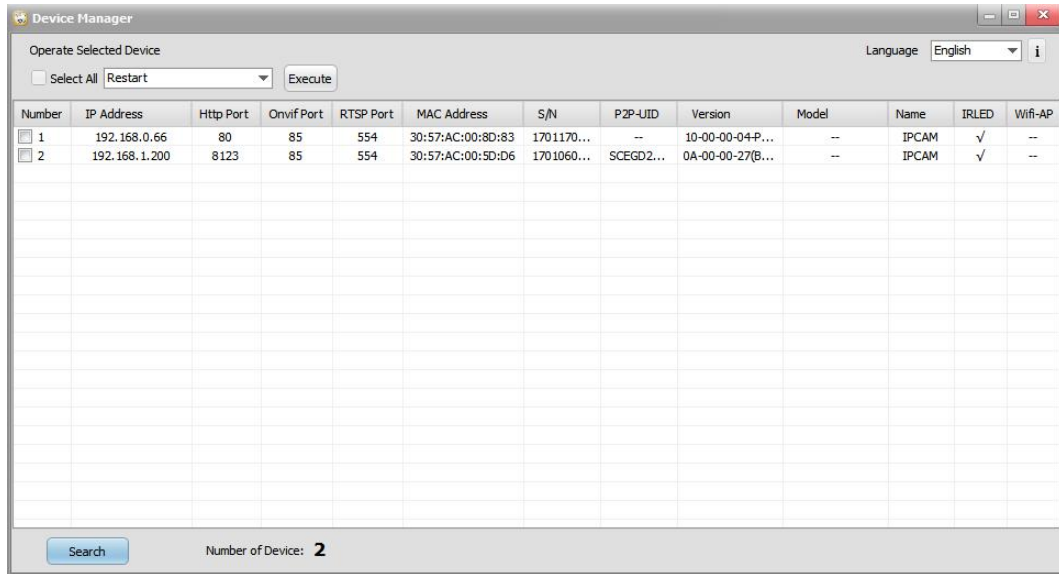
Shown as pictures below:
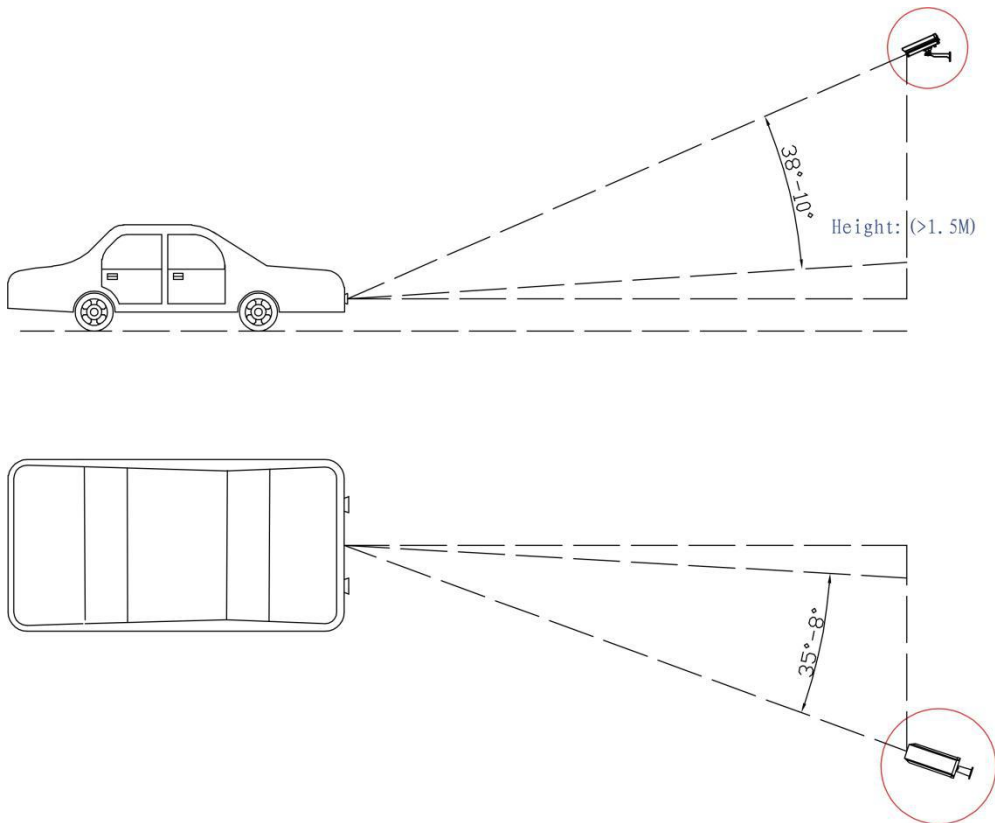
Warning: If the installing height is more than 1.5M, please make sure the vertical angle between camera lens and plate number not more than 38° , The best plate capture distance is 2-15M.

4 Product Adjustment

4.1 Log in Web Page

Step 1　Open "Device Manager" (In package box you can find this software in CD disk),

Click "Search" then you can find out all IPC which are on network. Shown as below picture:

Step 2　Open "Internet Explorer" and type in IPC address: http://192.168.0.66(This is

default IP address of camera), type in user name and password(both are "admin"),then

click "Login" . Show as below picture:
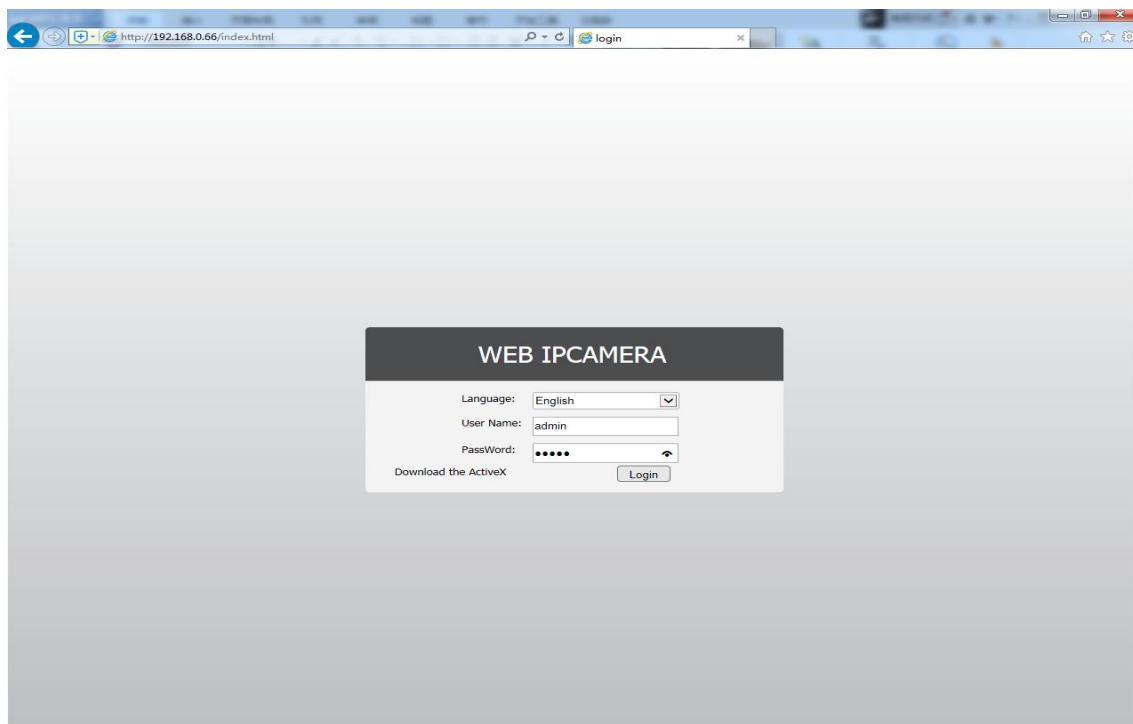
Noting: IPC address must be same network segment with your PC; If they are in different network segment, please use "Device Manager" to modify address of IPC.

Step 3   Install ActiveX(You need to install activeX when first time login),then follow the Step 2 to operate
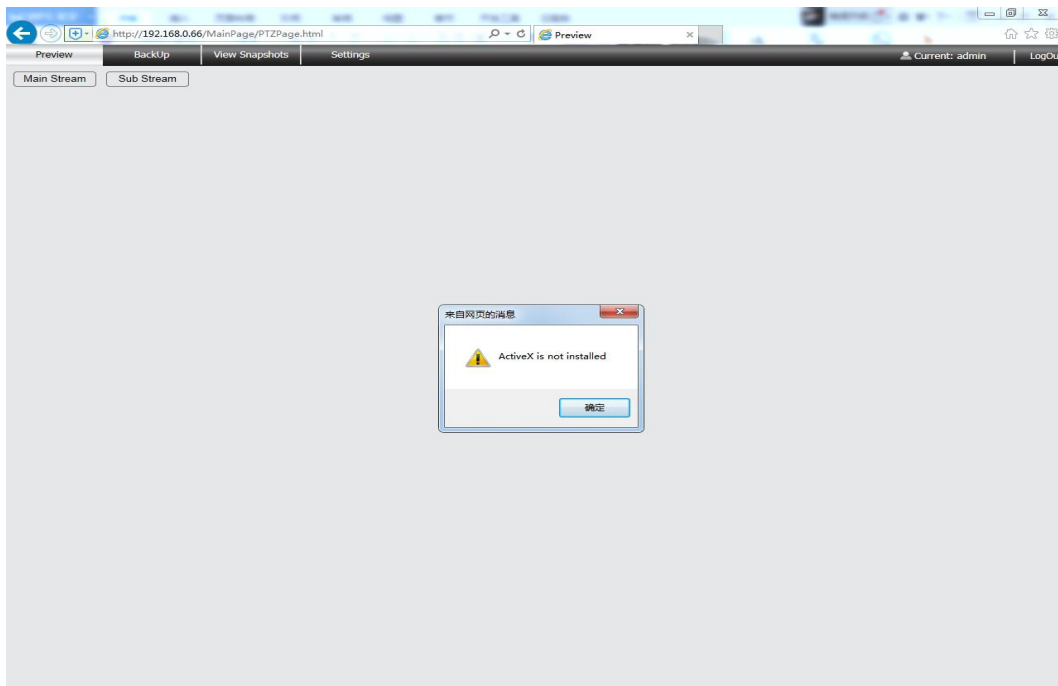
Step 4   Click "Preview" to check video

4.2 Zoom&Focus Adjustment

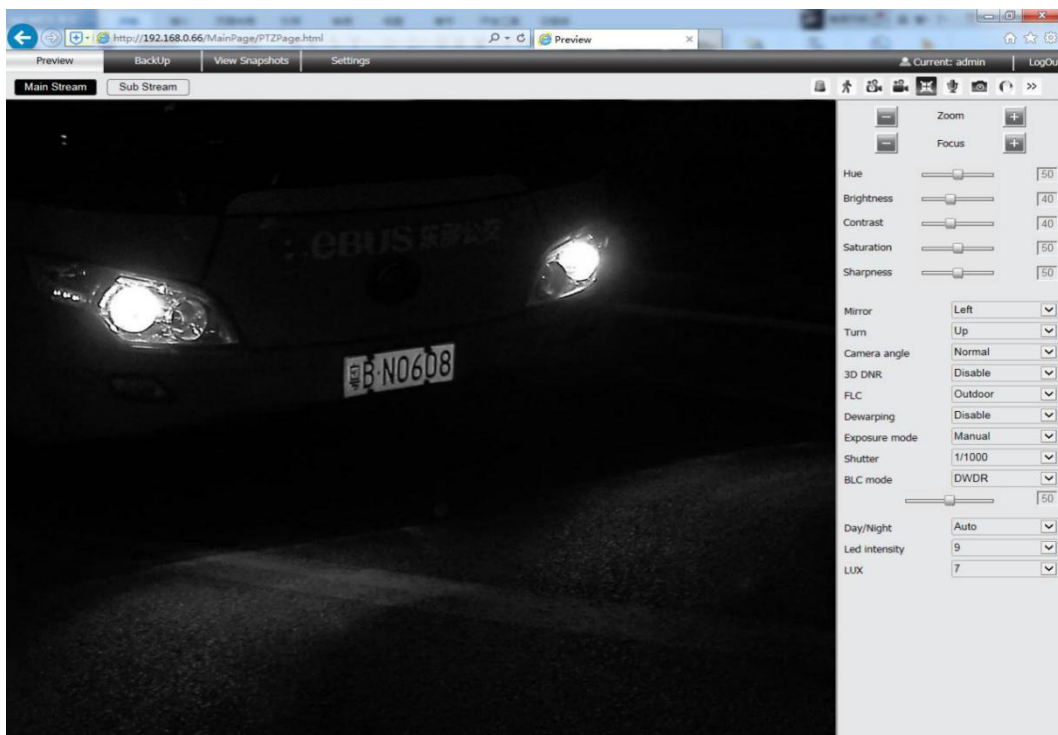**Step 1 Click** « in "Preview" page;

Step 2 Click or press ▬ or ➕ of ZOOM to targeted place, then click or press ▬ or ➕ of

FOCUS, till image clear.

4.3 Image Parameters Adjustment

Step 1 — Click « in "Preview" page and you will see below:
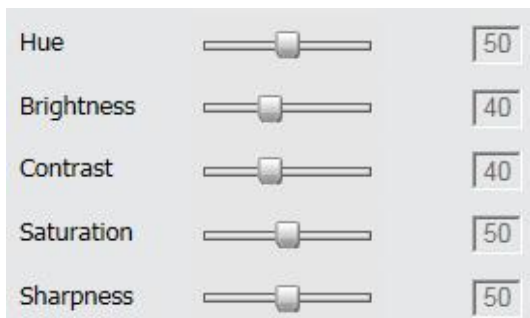
Detailed parameter descriptions please see below :

Items	Explanation
Hue	Default value50, 0-100 optional;
Brightness	Default value 40, 0-100 optional;
Contrast	Default value 40, 0-100 optional; If value higher, dark places will be darker, bright places will be brighter;
Saturation	Default value 50, 0-100 optional;
Sharpness	Default value 50, 0-100 optional; If value too high, noise will be easier shown.

Detailed parameter descriptions please see below :

Items	Explanation
Mirror	Default value LEFT, left and right optional;
Turn	Default value UP, up and down optional;
Camera Angle	Default value Norma, Normal/90°/180°/270° optional;
3D DNR	Default value Disable, Enable and Disable optional; This function will decrease image noises, but if higher value, trailing problem may appear;
FLC	Default value Outdoor, Outdoor/50Hz/60Hz optional;
Dewarping	Default value Disable, Enable and disable optional; Please DO NOT use this function for license plate capture camera;
Exposure Mode	Default value Auto, Auto and Manual optional;
Shutter	Default value1/1000, shutter range: 1/25-1/100000;
BLC Mode	Default value Diable, Diable/WDR/DWDR/BLC/HLC optional;
Day/Night	Default value Auto, Color/B&W/Auto/Time optional;

4.4 IR Led Adjustment

Step 1 Click 在 in "Preview" page and you will see:

Detailed parameter descriptions please see below :

Items	Explanation
Led intensity	Value 0-9 optional; 0=260mA ,1=310mA,2=330mA ,3=350mA,4=390mA ,5=430mA ,6=460mA ,7=540mA ,8=630mA ,9=680mA。 When camera and plate number distance is 2-5M, choose 1 or 2; When 6-10M,please choose 3 or 4; When 11-15M, please choose 5-7; Value 8 and 9 are used in very dark situations.
LUX	Value 0-9 optional; This function you can set CDS illuminance, if value higher, LED will be easier to be on; 0=Off, 1=0.8Lux, 2=2Lux, 3=3Lux, 4=4Lux, 5=6Lux, 6=100Lux, 7=150Lux, 8=200Lux, 9=On

5 Common Problems

Common Problems	Solutions
Can not search out IP	Possible Reasons : ◆ Camera is not powered up normally ◆ Power is not enough of the power supply ◆ Poor connection of network cable ◆ Camera is in different local area network Solutions : 1. Power up camera normally(DC 12V 2A); 2. Change network cables. Make sure camera and PC or NVR in same local area network; If your NVR add IPC via onvif protocol, then make sure camera and NVR in same network segment.
Can not install ActiveX	Possible Reasons : ◆ PC system is 64-bit ◆ PC system does not install VC ◆ Web browser does not support ◆ Web browser stop ActiveX installation Solutions : 1. When PC system is 64-bit,please choose 32-bit IE or upgrade IE to IE11 2. install vcredist_x86 3. Currently only support from IE7-11 4. Enable "Active X" in IE internet setting"
Lens not focus	Possible Reasons :

	◆ Zoom into the biggest or smallest angle
	Solutions :
	1. When zooming lens into biggest or smallest angle, please back-zoom or focus.
Can not see plate number at daytime	Possible Reasons :
	◆ Contrast and brightness too low
	◆ Lens not focus
	Solutions :
	1. Try to make contrast and brightness value as default.
	2. Adjust lens
Can not see plate number clearly	Possible Reasons :
	◆ LED off or too dark or too exposured
	◆ Distance too far(2-15M)
	Solutions :
	1. Check LUX value on IE page; Check Led intensity value whether too small
	2. Keep the distance from camera to car plate is not more than 15M
Video Sluggish	Possible Reasons :
	◆ PC hardware low level
	◆ Network not stable
	Solutions :
	1. Choose high level hardware PC(At least 15 CUP)
	2. Change network devices, or lower camera's resolution, stream rate, frame rate
Network connection not stable	Possible Reasons :
	◆ Network not stable
	◆ IP address confliction
	Solutions :
	1. Change network devices, modify IP address or enable DHCP