1.Network Settings

IPv4 address of the PC needs to be in the same network segment as the IP address of the IP camera to make it could be used normally (Note: The default IP address of the IP Camera: 192.168.1.168.) Specific settings in window system can refer to the following methods:

Method one :

Check the IPv4 address of PC, click [Start] / [Control Panel]
[Network and Internet] / [Network and Sharing Center] /
[Local Network] / [Details] .

		THEOREM COTTING OF THE OWNER		
Connection		Property	Value	
IPv4 Connectivity:	Internet	Connection-specific DN		
Ruf Connectivity:	No Internet errere	Description	Reatek PCIe GBE Family Controller	
Made Date:	Easthed	Physical Address	F8-BC-12-7B-77-48	
Frede State.	C labelo	DHCP Enabled	No	
Duration:	5 GBAR OD: 14: 1A	IPv4 Address	172.18.191.124	
Speed:	200.0 Mbps	IPv4 Subnet Mask	255 255 248.0	
Detain		IPv4 Address	172.18.195.112	
Decimin		IPv4 Subnet Mask	255 255 248.0	
		IPv4 Address	192.168.1.165	
		IPv4 Subnet Mask	255 255 255 0	
Activity		IPv4 Default Gateway	172.18.192.1	
	- TO	IPv4 DNS Servers	172.18.192.1	
Sent	Received		114.114.114.114	
	1	IPv4 WINS Server		
Dytes: 1,892,705,59	0 2,058,425,318	NetBIOS over Topip En	Yes	
		Link-local IPv6 Address	fe80:2c%d15d.acc.4e2e%12	
		IPv6 Default Gateway		
💱 Propertes 😽 Disable	Diagnose	Lasana		
			Cos	6

② Set the PC IPv4 address(E.g PC:192.168.1.165)

能接接 Status	Internet Protocol Version 4 (TCP)(Pp-4) Properties
ral	General
Pv4 Connectivity: Internet	You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.
6 Connectivity: No Internet access dia State: Enabled	Obtain an IP address automatically
ation: 2 days 08: 19: 19	Use the following IP address:
ed: 100.0 Mbps	P address 192 . 168 . 1 . 365
Detais	Subnet mask: 255 . 255 . 255 . 0
	Default gateway: 192 - 168 - 1 - 1
	Cotain CHS server address automatically
fant Norman Revenued	Use the following DNS server addresses:
	Preferred DNS server: 232 . 168 . 1 . 1
1,892,705,560 2,058,425,338	Alternate DNS server:
pertes Diagnose Diagnose	Valdate settings upon exit Advanced.
1) Close	(1-02) OK Care

③ Or add PC and network cameras in a same network segment (E.g:192.168.1.165).

reral		IP Settings DNS WDNS	
ou can get IP settings assigned a	utonatically if your network supports	IP addresses	
is capability. Otherwise, you ne or the appropriate IP settings.	ed to ask your network administrator	IP address	Subnet mask *
		192. 168. 1.165	255.255.255.0
Obtain an IP address autome	rtcally	×	
One the following IP address		44	d Edit Reneve
P address:	172 . 18 . 195 . 112		
Subnet mask:	255.255.248.0	Default gateways:	
Default cateway:	172 . 18 . 192 . 1	Galeway	Metric
		172, 18, 192, 1	Automatic
Cotain DNS server address a	utomatically		
Use the following DNS server	addresses:	44	d Edt Renove
Preferred DNS server:	172 . 10 . 192 . 1		
Alternate DNS server:	114 . 114 . 114 . 114	Automatic metric	
		Interface metric:	
Valdate settings upon exit	Advanced		

Note: The IPv4 address can not be conflicted when you add in LAN.

Method Two :

Use IP search tool 7.2.45.6 or above version, changing searched IP camera to the same network segment as the PC's. (Note: Default IP address of the IP Camera: **192.168.1.168**. Default Username: **admin**, default password: **admin**; the changed URL can not conflict with the IP address of other devices in the LAN).

Onle	e Device	1	Orad MultimodelNe	read. La Import.	Le Davi	O Rebesh	ALL	*	
	Index	Model	Device Name	Firma	w Westion	IP Address	Subret Mask	Gateh	Network Param Upgrade
	081	IPCAMERA	IPC	3516CV680_88/307_HC	_BASE_BD_W_9.142.1	192,168,1,168	255,255,255,0	192.168	IP Address
									SubretMask
									Gasettay
									(143
									HTTP Part
									RTSP Pot
									DHCP
									SECURITY VERIFY Usename
									Password

2.Ping Device Address

① Connect camera and PC by network cable in the same LAN, power on. Connecting as following (PoE switch, camera, PC connection photo).



② Left click window [Start ③] menu, input "cmd" in [Program/file searcher] to open window command(or you can press shortcut "win+R" directly on keyboard to input "cmd"), from the Cursor blinking side, input "Ping *** *** **** and press "Enter" (For example, when the camera IP address is 192.168.1.168, then input "ping 192.168.1.168" and press "Enter") to check the system statistical connect information. For example as below photo, when system statistical connect information is data package: sent=4, received=4, loss=0, <0% loss> means PC and camera signal communication is normal, you can login the camera by webpage.



3.Connection And Login

① Install the 【Search Tool】, double-click 【 🔍 】 to open the 【Search Tool】.

				SEARCH	TOOL			∓ - □	х
Index	Model	Device Name	Firmari	Version	IP Address	Subret Mask	Gatel	NetWork Param Upprade	
001	IPCAMERA	PC 3	519CV500_MX087_HC_	BASE_BD_W_9.1.42.1	192,160,1,168	266 256 256 0	192.964	P Address	
								SubmitMask	
								GateWhy	
								ms	
								HTTP Post	
								RTSP Pot	
								DHOP	
								SECURITY VERIPY	
								Password	
								Modify Except Password	

② Double-click the device, and the web browser will automatically open the control download interface.



③ Please download and install plugin when the first time you connect to the camera, click [Download] and follow the prompts to download and install the plugin.



④ After installation, refresh the webpage and input user (default is "admin") and password (default is "admin"), click "Login".



IP Camera Quick Start Guide

Statement

- Please read this manual carefully and keep it properly before using our network camera products.
- This manual is applicable to network series products.
- This manual may contain information that is technically inaccurate, inconsistent in the product's function and operation, or in a
- typographical error.
- Our company will update the context in the manual according to the enhancement of product features. Updated content will be added in the new version of this manual without further notice.
- If there is manual description of the product does not match with the physical, in order to prevail in kind.

Safety Precautions

- This equipment should be installed in a well-ventilated environment. Please keep proper space with the ground during installation. It is good for the heat dissipation of the machine. Do not block the ventilation door of the equipment, away from the heat source and avoid high temperature environment.
- This product can not withstand heavy loads. Do not place heavy objects or multi-layer overlays on this product.
- Power must be under safety certification, Its output voltage, current, voltage polarity and operating temperature must comply with the power requirements of this equipment.
- When using this equipment in thunder and lightning conditions, please pay attention to install lightning protection device or cut off the power.
- In order to get high quality video and pictures, make sure your internet connection is stable and smooth.

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4.Real-time Preview

① You must change your password when logging in for the first time, and log in again to enter the real-time preview interface.



② Click [Main Stream] / [Sub Stream] / [Tri-Stream] to switch the preview stream. Click the corresponding icon in the lower left corner of the interface to stop the live preview, record, capture, and so on.

Click the zoom in/out icon on the right side of the screen to adjust the zoom of the camera.

5. Smart Setting

① Click 【Configuration】 / 【Smart Setting】 / 【Snap】

	era Live View	Playback	Configuration	
Local Configure	ation Snap FTP Reco	gnize Linkage RecognizeLoj	g Search Exposure Version	
😬 System	Avec Contract	E Facebook		
Network	Sensitivity:	1	10 5	
Video	Target Snap Time	20		~
Mage Image	Repeat Snap:	O Repeat	Not Repeat	
Events	Capture Threshold	1	10 5	
Smart Setting	Capture Min Face 1	Size: 80		
Smart Setting				

If you want to capture the area, click 【Enable Area Capture】 to open the area capture; click 【Area Config】 to enter the draw capture area page, and click 【Start Draw】 to draw the capture area.



After the drawing is completed, click 【Confirm】 to exit the interface.

The capture setting page can also set sensitivity, target snap time, repeat snap, capture threshold, face extension coefficient, and capture minimum face size. After each parameter is set, click save to take effect.

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② Click [FTP], open FTP upload, enter the server address, port and other parameters, click [Test Connection], after the test is successful, click [Save]. After the network camera recognizes the face in the setting area, the captured image is uploaded to the FTP server. Note that you can take effect after clicking [Save].

		Live View	Playback	Configuration	
φ	Local Configuration	Snap FTP Recognize	Linkage Recognize Lop	g Search Exposure	Version
8	System	Enable FTP:	O Enable	Not Enable	
0	Network	Save Background:	O Save	Not Save	
	Video	IP Address:			
	Image	Port:	21		
A	Events	File Path:	Example /p	ath/file	
-		Username:			
۵	Smart Setting	Password:			
	Smart Setting		Test	t Connection	

Note: After logging in to the browser, click 【Configuration】 to enter the function setting interface, which has Recognize, Linkage, Recognize Log Search, Exposure and other functions. Users can selectively set these functions according to the actual situation of the application scenario to achieve better performance. Note that you can take effect after clicking 【Save】.

6. Import Face Library

① Double-click "RecogManager.exe" to open the "IP Camera Feature Manager".

RecogManager.exe 26/07/2019 17:28

O Connect the device, click 【+ Add】, enter the device IP, username and password, and click 【Ok】.

③ Check Add device, click [Edit Config] → [+Add], set the base library name, and click [Ok].

④ Select "FDB", click " \blacksquare ", enter the Name, User define, and click [Upload Image] → [Ok].

(§ Click [Extract] \rightarrow [Yes] \rightarrow [OK] to complete the picture



m fig		Q Add	ł	2
172.1	8.194.250 FDB male	Name	Image	
	Search			rat E E B
u	Name I		+	iture status Image
	11			SotExtract Photo
	110		Upload Im	oge otExtract Photo
	111			KotExtract Photo
	112	User define 1	User define 2	otExtract Photo
	113	User define 3	User define 4	otExtract Photo
	114	User define S		otExtract Photo
	115		Carry	KotExtract Photo
	116			otExtract Photo
	117			NotExtract Photo
0	118			NotExtract Photo

Note: The device only supports uploading pictures smaller than 100kb and in JPG format.

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7. NVR adds IPC

Before adding, please confirm that the NVR and the device's IP address are on the same network segment and do not conflict. Click the [Camera] under the NVR main menu to enter the menu and click [Add]. Tick the device to be added and click [Add]. Click [Camera] under the NVR main menu to enter the menu and click [Add] to select the device to be added, and click the [Add] button.

Note: Under the NVR main menu, you can also perform recording settings, video playback, motion detection, encoding parameter settings and more.

8. iVMS320 Client Access

① Open a browser and log in to http://www.herospeed.net/.
② Click [PC Client] → [iVMS320 (Windows)] or [iVMS320 (Mac)] to download the latest version of the video management system [iVMS320].

③ After installing as prompted, add devices and view and manage it.

9. Mobile App Access

Scan the QR code to download and install the BitVision App.





After registering and logging in, you can add devices to realize remote viewing and device management of mobile phones.

10. IPC Installation Requirements

In order to ensure the best face capture, recognition effect, avoid overlapping faces and ensure that people of different heights can be captured, the installation of the equipment must meet the following requirements.

① IPC is installed in front of the channel, and the shooting direction is consistent with the channel direction.

② It is recommended that the IPC has a top view angle of between 5 and 15 degrees.

③ It is recommended that the IPC installation height be 2 meters to 2.7 meters.

④ The horizontal monitoring distance is related to the focal length of the selected lens, and the focus is on the entrance and exit of the channel.

⑤ Ensure even illumination on the face, avoid backlight, strong light and yin-yang face on the face. When the illumination intensity is less than 100 lux, white light source should be used to supplement the light of the photographed person.

IPC installation height, monitoring width and distance are as follows:

Installation height h/m	Farthest shooting distance d/m	Shooting width W/m	Lens focal length f/mm
2.7	7	3	17
2.3	5	3	10
2	3	2	3.6



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