

Parameter Configuration Tool Instruction

Updated on: Aug. 17, 2020

1. Connect to Camera

(1) Connect the camera to network, set IP address of the PC according

to the camera, open this software, input the IP address of the camera,

then click **Connect**. (Please contact Viewpro to get the instruction about

how to connect the IP camera.)

IP: 19	92.168.2.119	,	Port :	2000	Connect	Disconnec
Self-test Col	umn					_
	Input Freq					0
Current St of Came	Output Freq tate sra Src Img Size					
	Dest Img Size					
User Setting	Column	Mair	n <mark>strea</mark> m			
Reminder	Resolution			~		
	Bit rate			~		
Main stream	Net Push Mode			\sim		
o cui igo	Cardada Cardada					
	Encoder Tormac	_		~		
	Frame rate			~		
	Packet format			~		
	Record format			~		Ų
IP Setting Co	olumn					
Udp Rec IP	192.168.5.	3	Port:	23003	Network	◯ 10M
Camera IP	192.168.2.	119			bandwidth:	◯ 100M
Gateway	192.168.2.	1	Save	IP to	DHCP	OON
Submask	255 . 255 . 255 .	0	Cai	mera	DITCE.	OFF
DNS	0.0.0.	0				

(2) If there is no response within 10 seconds after clicking Connect or



the connection fails, the following prompt box will pop up. In this case,

please check if the connection between the camera and PC is normal.



(3) If connected successfully, "The connection is successful" is

indicated in the right box, and **Connect** button is disabled, **Disconnect**

button is initiated. As shown below:

IP: 19	92 . 168 . 2 . 119	9	Port :	2000	Connect	Disconne
Self-test Col	umn					
	Input Freq				server suc	ceeded.
	Output Freq					
Current St of Came	tate Pra Src Ima Size					
	Sic Ing Size					
	Dest Img Size					
User Setting	Column	Main	stream			
Reminder	Resolution			~		
Main stream	Bit rate			~		
settings	Net Push Mode			\sim		
	Encoder format			\sim		
	Frame rate			~		
	Dadiet format					
	Packet Ionnat			~		
	Record format			~		~
IP Setting C	olumn					
Udp Rec IP	192.168.5.	3	Port: 2	23003	Network	◯ 10M
Camera IP	192.168.2.	119			bandwidth:	◯ 100M
Gateway	192.168.2.	1	Save	IP to	DHCP:	OON
Submask	255 . 255 . 255 .	0	Call	ICIA		
DNS	0.0.0.	0				
Shut dow	n Search	[lasa
Firewall	Versions					use

2. Camera State of Camera

(1) After the connection is successful, click Current State of Camera

button to query the current camera network video output state.

IP: 19	92.168.2.119	Port: 2000	Connect Disconnect
Self-test Col	umn		
× .	Input Freq	30	server succeeded.
	Output Freq	24	Get current movement status
Current St	tate		successfully
or came	Src Img Size	1920x1564	
	Dest Img Size	1280x720	
Hear Catting	Calumn		J
User Setting		Main stream	
Reminder	Resolution	~	
	Bit rate	~	
Main stream	Net Push Mode		
securiys			
	Encoder format	~	
	Frame rate	~	
	Packet format	~	
	Description of the second		
	Record format	×]	
IP Setting Co	olumn	-	
Udp Rec IP	192.168.5.	³ Port: 23003	Network O 10M
Camera IP	192 . 168 . 2 . 1	119	Dandwidth: 0100M
Gateway	192 . 168 . 2 .	1 Save IP to	DHCP: ON
Submask	255 . 255 . 255 .	0 Camera	○ OFF
DNS	0.0.0.	0	
Shut dow	n Search		
Firewall	Versions		Close

(2) If one or more of the four parameters has a value of 0, then there is a fault in the output of the network, the network image will not be displayed, and the connection should be checked and the fault should be corrected. Note: The input frame rate may be displayed as 0 after power-on and query. Please click the **Get Current State** button again.

3. Main stream settings

The **Main stream setting** is initially unclickable. You need to select all the options on the right side before clicking this button. After all the selections, click to set. The message bar on the right will notice **Code setting succeeded, please power on again.** If any error or the notice does not appear, please click the button again to set.



P:	192 .	168 . 2 . 119	•	Port :	2000	Conr	nect	Disconnect
Self-test	Column					Conne	ction t	0
		Input Freq		30		server	SUCCE	eded.
Curren	nt State	Output Freq		24		succes	ment s sfully	status
of C	amera	Src Img Size		1920x	1564	Code succes	etting	please
		Dest Img Size		1280x	720	power	on ag	jain.
ser Sett	ting Colu	Imn	Mai	n stream	1			
Remin	der	Resolution	720)P	~			
	-1	Bit rate	2M		~			
Main str	eam	Net Push Mode	RT	SD				
	ys							
		Encoder format	H20	54	~			
		Frame rate	30	frame	~			
		Packet format	Ву	Frame	~			
		Record format	MP	4	~			~
P Settin	g Colum	n		7	(1			
^d Tips ar						×	rk (th: (○ 10M ○ 100M
ič	i co	ode setting succee	eded,	please p	ower on ag	ain.		
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After saving the stream settings, you need to click Save IP to Camera

button also to finish the settings.



Note: 30 frames and 25 frames are supported in the By_Slice format, which is similar to the IPC code output mode on the market. It has better compatibility with the player, but the key frame is larger, the code rate fluctuates greatly, and the bandwidth requirement for the picture is high; By_Frame format supports 25 frames and 30 frames, but some players do not support 30 frames. When the By_Frame format is selected, the key frame is not large, and the code stream is more stable. If the bandwidth of the picture is limited, it is recommended to select the By_Frame format.

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4. Set Camera IP

(1) Set IP in RTSP mode: fill in the camera IP address column and gateway address column respectively to the any correct IP (last bit is 2-254) and gateway address (last bit is 1-254), but cannot be the same as the computer IP, and the IP and gateway addresses need to be on the same network segment. After filling in the correct network, click the **Save IP to Camera** button.

(2) Set IP in UDP mode: By default, the IP and port of the receiving end cannot be input. You need to select UDP mode in the **Net Push Mode** drop-down box to input, as shown below. Fill in the correct receiving IP (last bit is 2-254) and port (1025-65534 unused port number), the camera IP setting is the same as RTSP mode, click **Save IP to Camera** button.

		Main Stream	
Reminder	Resolution	720P	~
	Bit rate	2M	~
Main stream settings	Net Push Mode	RTSP	
0	Encoder format	UDP Bare flow RTSP	
	Frame rate	RTMP	
	Packet format	L	



Reminder	Resolution	720P	~	
	Bit rate	2M	~	
Main stream settings	Net Push Mode	UDP Bare flow	~	
	Encoder format	H264	~	
	Frame rate	30 frame		
	Packet format	By Frame	~	
	Record format	MP4	~	~
IP Setting G	Jann		_	
Jdp Rec IP	192 . 168 . 5 .	3 Port: 230	03 Network	O 10M
Camera IP	192 . 168 . 2 .	119	bandwidth:	O 100M
Gateway	192.168.2.	1 Save IP	to DHCP	OON
Submask	255 . 255 . 255 .	0 Camera	DHCF.	OFF
DNS	0.0.0.	0		

(3) After receiving the set IP success message on the right message bar, the IP setting is successful, restart the camera. If no prompt appears or the prompt fails, click again.

Note: 1. Please keep in mind the set IP value after IP setting, otherwise it may not connect properly next time.

2. If the network segment of the camera IP is modified, the

network segment of the PC also needs to be modified accordingly.

5. Search Versions

After clicking the Search Version button, the current camera version can

be displayed in the information bar on the right side of the button.

ubmask	255	. 255	. 255	. 0	Camera	DHCP: ON
DNS	0	. 0	. 0	. 0	- 	
Shut dov	vn	Sea Vers	rch			Close

6. Shut down Firewall and other tools

(1) Shut down firewall

Click the Shut down Firewall button in the lower left corner and click the

Turn off computer firewall button in the pop-up box to close the

computer firewall.

(2) Local computer IP quick setup

Fill in the correct computer IP and gateway address, click the Set local IP button to quickly set the PC's local connection IP address.

(3) Check Camera Connection



Enter the IP address of the movement in the movement IP box, click the

check movement connection button, check whether the current

connection is normal in the pop-up command window.



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Pinging 192.168.2.119 with 32 bytes of data:
Reply from 192.168.2.119: bytes=32 time=1ms fil=64 Reply from 192.168.2.119: bytes=32 time<1ms TTL=64
Reply from 192.168.2.119: bytes=32 time<1ms TTL=64
Reply from 192.168.2.119: bytes=32 time<1ms TTL=64
Reply from 192.168.2.119: bytes=32 time<1ms TTL=64
Reply from 192.168.2.119: bytes=32 time<1ms TTL=64
Reply from $192.168.2.119$; bytes=32 time<1ms TTL=64 Reply from $192.168.2.119$; bytes=32 time<1ms TTL=64
Reply from 192.168.2.119: bytes=32 time<1ms TTL=64
Reply from 192.168.2.119: bytes=32 time<1ms TTL=64
Connected
C\Windows\system32\cmd eve
C. C
Ringing 192 168 2 118 with 32 hourse of data:
Pinging 192.168.2.118 with 32 bytes of data: Reply from 192.168.2.66: Destination host unreachable.
Pinging 192.168.2.118 with 32 bytes of data: Reply from 192.168.2.66: Destination host unreachable. Reply from 192.168.2.66: Destination host unreachable.
Pinging 192.168.2.118 with 32 bytes of data: Reply from 192.168.2.66: Destination host unreachable. Reply from 192.168.2.66: Destination host unreachable. Reply from 192.168.2.66: Destination host unreachable. Reply from 192.168.2.66: Destination host unreachable.
Pinging 192.168.2.118 with 32 bytes of data: Reply from 192.168.2.66: Destination host unreachable. Reply from 192.168.2.66: Destination host unreachable.
Pinging 192.168.2.118 with 32 bytes of data: Reply from 192.168.2.66: Destination host unreachable. Reply from 192.168.2.66: Destination host unreachable.
Pinging 192.168.2.118 with 32 bytes of data: Reply from 192.168.2.66: Destination host unreachable. Reply from 192.168.2.66: Destination host unreachable.
Pinging 192.168.2.118 with 32 bytes of data: Reply from 192.168.2.66: Destination host unreachable. Destination host unreachable. Destination host unreachable. Reply from 192.168.2.66: Destination host unreachable. Destination host unreachable. Destination host unreachable.