

# VIP-CAM-100 How to Set Control Port for TCP Connection Quick Guide



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#### Scope

The VIP-CAM-100 can be controlled using standard VISCA commands by either the RS-232 port or the LAN port. This document specifically discusses setting the VIP-CAM-100 to accept VISCA commands via a logical port.

### Default IP Address of VIP-CAM-100

The VIP-CAM-100 comes set from the factory to 192.168.1.180.

To access the camera from a device such as a laptop, etc., your device must be within the same subnet as the camera.

We recommend using the ping verification to make sure you have successfully set your device to communicate with the VIP-CAM-100.

Windows 10 example:



Setting the VIP-CAM-100 control port

Using the VIP-CAM-100 CameraCMS program, you can set the control port with the following steps:

- Start the CameraCMS software
- Select the + Add device. A popup window will appear. Enter the following information:



				NET CPU RAI	15:22:30 <b>? -</b>	□ ×
💀 Device Management	Main View ▶ Rer	note Playback				Help info
Device for Management Mgr.	0 Onlin	ie:0				
+ Add device 🏦 Delete	w Pamata ana	finiumhan Add	×	I.		
Nickname	I	Add		rsion		
	Add by IP	Add by import				
	IP 1	92.168.1.180				
	Port 5	002				
	User name a	idmin				
	Password					
Online Device Search:0						
		elresh 🔍 Sta		Upgrade		
	Serial No.	MAC	Device Name			

- IP Address (default): 192.168.1.180
- Port: 5002
- Username: admin
- Password: (leave blank)

Press the 'Add' button. Within a few seconds, you should have a similar screen result as below:

										CPU RAM	15:26:55	? _ C	- ×
Star De		ement 🔲	Main View	▶ Remo	te Playback								Help info
Device f	or Managem	ent Mg	ic1	Online:	1.								
+ Add o		💼 Delete	🗧 🗱 Re	mote config	uration								
					Serial No.								
001	VIP-CAM-1		192.168.1.180		6020A3K2W	XOGQUL0L661	AMC-A2001N				connected		
Online D	)evire o	o arch:0											
+ Add t	o client	Farch.u				Start searce			Upa	rade			
			Contal Va		RIC.		-	Bentes Ber					
			Serial Ro.		NUKU.			Device Name		Type		version	



With your mouse, highlight the camera you want to set. Then select the Remote configuration option above it. Select the Protocol tab.

				NET CPU RA	15:30:44 ? -	o ×
😨 Device Managemen	t 💻 Main View	▶ ► Remote Playback				Help info
Device for Management	Mgr:1	Online:1				
+ Add device	💼 Delete 🛛 🙀	Remote configuration			Filter	
Nickname		Serial No.	Туре	Version	ConnectStatus	
001 VIP-CAM-100	192.168.1.1	80 6020A3K2WXOG	QUL0L661 AMC-A2001NV2	3.1.28		
	Streaming Network Enable Protocol Camera as IP Port	Remote 0 Rtmp Protocol Upgr Enable • TCP • Server • 192.168.1.180 1259 Save	Configuration rade UN/PW	×		
Online Device Search + Add to client IP	0				Filter Version	n

Enter and confirm the following values are entered:

- Enable: Enable
- Protocol: TCP
- Camera as: Server
- IP 192.168.1.180, or other address if camera is not set to default address
- Port: We recommend setting this to port 1259, or 1258. It is possible to choose other available ports. Ports that are not available are:
  - **8**0
  - 88
  - 3478
  - 5000 through 5005

Press Save, then exit from popup window.



To check control, select the Main View tab and double click on the camera you want to control in the Device list.

		NET CPU RAM 15:49:56 ? - 🗆 🗙
👳 Device Management	Main View 📂 Remote Playback	Help info
Device		
1 VIE-CAM-100	2021-01-19 04:28:48	
Camera		
PTZ Lens		
Menu 🕨 + Focus -		
▶ ▼ ▲ + Iris -		
Enter Return Iris reset		
Presets		
0  Call Set Clear		
Start Stop Settings	1920*1080 30.0fps 3.219Mbps	

A live view will appear in one of the quadrants. Use the Camera controls in the lower left corner for testing.

Note: The PTZ controls do not work when Menu screens are displayed from the camera. You must exit out of them to enable PTZ control.



## Testing with Packet Sender

Packet Sender is a software program available for free on the internet, although it is encouraged to provide a donation.

Below is an example of sending a 'Call Preset O' command. You must have programmed preset O prior in order to see movement/activity on the camera.

	Packet Name											
SCII	\81\01\04?\0	2\00\ff										e
EX 8	31 01 04 3f 02	00 ff									0	Load File
ddres	ss 192.168.1.	180			(	Port 1	259	Resend Delay	0	🖆 TCP 🔻	Send	Save
arch S	Saved Packets									Delete	e Saved Packet	Persistent
		cond (coc) To	Addroce T	a Port Mathad	ASCIL				Hoy			
nd	Name Ke	эени ( <i>Sec</i> ) 10	Autress	Method	ASCI				nex.			
clear	Name Ke	Send (Sec) 10		o Port Method	ASCI			☑ Log Traffic	Save L	Log Save	Traffic Packet	Copy to Clipbe
Clear	Log	From IP	From Port	To IP	To Port	Method	Error	Log Traffic	Save L	Log Save	Traffic Packet Hex	Copy to Clipbe
end Clear	Log Time	From IP 192.168.1.180	From Port 1259	To IP You	To Port 53696	Method	Error	C Log Traffic ASCII	Save L	Log Save	Traffic Packet Hex	Copy to Clipbe
Clear	Log Time 15:54:29.595 15:54:29.489	From IP 192.168.1.180 192.168.1.180	From Port 1259 1259	To IP You You	To Port 53696 53696	Method TCP TCP	Error	Log Traffic ASCII	Save L 90 41	Log Save	Traffic Packet Hex	Copy to Clipbo
nd Clear	Log Time 15:54:29.595 15:54:29.489 15:54:29.483	From IP 192.168.1.180 192.168.1.180 You	From Port 1259 1259 53696	To IP You You 192.168.1.180	To Port 53696 53696 1259	Method TCP TCP TCP	Error		Save L 90 41 81 01	.og Save FF 04 3f 02 00	Hex	Copy to Clipb

Enter the following to set communications:

- Address: 192.168.1.180 or other address if not default
- Port: 1259 or other
- Set communication button to TCP

Enter the following in to the HEX field to call preset 0.

• 81 01 04 3f 02 00 ff

Hit send.



The commands follow the standard VISCA protocol. Please contact PureLink support to obtain the VISCA command document. Or visit the VIP-CAM-100 product page and go to the Downloads tab.

https://www.purelinkav.com/product/3g-sdi-ip-camera/

