VISIX IP Setup Utility – Quick Guide

The **VISIX IP Setup Utility** is a robust utility engineered to help guide you through the process of setting up your VISIX IP cameras. Below is a step-by-step process describing how to use it.

STEP 1 — Open **VIGIL Server** and click **"Settings"** from the **top toolbar.** This will launch the **Advanced Settings** window.

STEP 2 — On the **Camera Setup** tab, select the Channel you want to add a Network Camera to. Now select the checkbox **"Network Camera".** The Network Camera Settings window will open after checked.

NOTE: You do not have to click the **"Settings"** button after checking the box. Checking the box will automatically open the settings.



STEP 3 – For "Type", if the box is "<blank>" click the "Detect Cameras" button. If not please select "VISIX-IP" from the drop down menu, then click "Detect Cameras".

The Utility searches for and identifies all MAC Addresses corresponding to any VISIX IP cameras currently connected to your network. From here you can discover and change any of the IP Addresses assigned to any of your VISIX IP cameras.



STEP 4 – Confirm/Change the IP Address assigned to your VISIX IP camera.

To change an IP Address for any of your VISIX cameras, click on the camera you want to modify in the **"Select Online Devices"** then click on the **"Change IP Address"** button.

NOTE: There is a new list that shows the VISIX cameras that are already setup on your VIGIL Server.

D	evice Typ		IP Ad	dress		Port N	lumber	Serial Nur	wher			Mark
01 12	C-2A-IMD-	x	10.1.	13.45	-	80		E30E0172	23	_		255.255.22
02 V2	6-3M-D2-P	TAWD	10.1	13.64	_	8000	_	20140505	5CCWR46325	1156		255,255,24
03 V2	(-2AD3-IN	VD	10.26	.167.1	37	80		F4009328	13			255.0.0.0
04 VS	SX-2MP-M	VD28	10.1.12.102		2	8000		20110222	288WR402733	377		255.255.24
05 VS	5X-1.3MP-	PIR1012	10.1.13.103		3	8000		0130220CCRR416978556A			255.255.24	
06 VS	SX-2MP-M	VD28	10.1.13.104		1	8000		2011100888WR405169113			255.255.24	
07 VS	SX-2MP-D		10.1.13.107		<u>(</u>	8000		00201106149CWR403778409WC		WC.	255.255.24	
00 12	X-200-00	9020	10.1.13.110		;	80000	80		2011100388WR405169056			200.200.24
10 10	6.2MLOD.	01730//2	10.1.12.127		,	8000		014050588WP4632504048				255 255 24
					_						_	,
;amera:	s Already	Configure	d in VI	SIL Ser	ver							
erver (hannel	Device T	pe		IP A	ddress	Por	t Number	Serial Num	ber		
1						J						
l . Confi	gure IP A	ddress				1						
] t. Confi Serial N	gure IP A	ddress	05CCV	VR463	2511	56			MAC Address	44-1	9-66-2d-	20-87
] t. Confi Serial N IP addr	gure IP A lumber ess	ddress 201405 10	0500	VR463	2511	56			MAC Address	44-1	9-66-2d-1	oc-e7
l Confi Serial N IP addr Subnet	gure IP A lumber ess mask	33ress 201405 10 255	05CC\ • 1 • 255	VR463 . 13 . 24	2511	56			MAC Address Device Port	44-1	9-66-23-	a7
] Serial N IP addr Subnet Default	gure IP A umber ess mask Gateway	ddress 201405 10 255 10	05CCN - 1 - 255 - 1	VR463 • 13 • 24 • 10	2511	56 64 0 254			MAC Address Device Port User Name	44-1	9-66-2d-4 8000 admin	x=a7
L. Confi Serial N IP addr Subnet Default DNS Ser	gure IP A umber ess mask Gateway rver	ddress 201408 10 255 10	05CCV 1 255 1	vR+63 . 10 . 24 . 10	2511	56 64 0 254			MAC Address Device Port User Name Password	44-1	9-56-2d- 8000 admin	x-a7
2. Confi Serial N P addr Subnet Default	gure IP A umber ess mask Gateway rver	ddress 201408 10 255 10 P Address	05CC\ . 1 . 255 . 1	VR463 . 13 . 24 . 10	2511	56 64 0 254 Save	IP Addre		MAC Address Device Port User Name Password C	(44-)	9-56-2d-0 8000 admin *****	cr-a7
2. Confi Serial N Subnet Default DNS Ser	gure IP A umber ess mask Gateway rver Change	ddress 201405 10 255 10 P. Address Recet To J	05CCV 1 255 1	VR+63 . 10 . 24	2511 3 . 8 .	56 64 0 254 Save	IP Addre	55	MAC Address Device Port User Name Password C	ancel II	9-b6-2d- 8000 admin *****	cc-a7

From here you can view and change:

IP Address Subnet Mask DNS

Most of this information is pre-populated by your system.

It is important that you click on **"Save IP Address"** after you view/ change any of your settings. Be sure to have the proper username and password for the camera.

Now click on **"OK"** to confirm that your settings have been saved.

Now click on "Next" to view additional settings for your cameras, or click "Save to VIGIL" to finish setting up the camera.

STEP 5 – From this screen, you can: Detect Online Devices Change IP Address Update Firmware* Save Settings Save to VIGIL Quit * Contact 3xLOGIC Customer Support (303.430.1969) if you have questions regarding firmware updates.

To view/change camera settings, click on "Show Advanced Options".

SALDGIC Camera Setup Utility Detect Online Devices / Change IP address Show Advanced Options >>	Save Settings Synchronize Time Reboot
IP Address 10 1 13 64 Port 8000 User name admin Password ******	Channel Setup Channel Channel 1 × Main Stream Resolution 3MP (2048x1536) × 1 Use Audio FP5 8 × Bitrate 1792x V 0 Kbps 1 Frame Interval 1 × XP5 Predefine Cytomozed
2015-11-02 10:17:30: Save alarm input success on channel 1 2015-11-02 10:17:30: Save alarm input success on channel 1 2015-11-02 10:17:31: Save DOIS exitings success 2015-11-02 10:17:31: Save DOIS exitings success 2015-11-02 10:17:31: Save Solt Save settings success	Sub Stream Resolution CIF (352::240) ¥ FPS 15 ¥ Bitrate 320K ¥ I Frame Interval 1 ¥ x FPS Predefine Customized ¥

STEP 6 - Confirm the Settings for your VISIX IP camera.

From here, you can set/view:

Resolution Bitrate Frames Per Second (FPS) I-Frame Intervals Use Audio Reboot Camera Sync Camera Time to Server Time

Resolution – This will allow you to see the resolutions (minimum and maximum). Select from the list provided the resolution best suited for your application.

Bitrate – This enables you to tailor the amount of bandwidth the camera will use to communicate back to the DVR. The higher the bitrate, the more bandwidth that will be used, lowering the days of retention you will have. Typically the higher the resolution, the higher the bitrate necessary to support that resolution. The exception to this rule would be if you have your FPS set low (e.g. 2 FPS) then you might use a more conservative bitrate (e.g. 1024K).

Frames Per Second (FPS) – This allows you to see/set the Frames Per Second you want your camera to record at.

I-Frame Interval – I Frames (Index Frames) Interval can be set lower than the Frames Per Second allowing you to conserve memory when saving your video files. While this setting is application-specific, typically this interval is set to 1 x FPS.

Use Audio – Click on this checkbox if you want to enable Audio capture (camera-dependent).

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