

VISIX S-Series Indoor IP Dome Camera VX-2S-D4-RIA Quick Start Guide v01-2019

Table of Contents

1 CAMERA OVERVIEW	3
1.1 PACKAGE CONTENTS	
Available Mounts	
1.2 Installation	
Removing Dome	
Installing the MicroSD Card	
Installing The Camera - Cabling Routed Through Base	
Installing The Camera $-$ Cabling Routed Through Side	6
Installation – Cabling and Safety Wire	7
Installation – Finalizing Installation	
2 CAMERA SETUP	11
2.1 DETECTING, ACTIVATING CHANGING THE CAMERA IP ADDRESS	
1.1 Adding a VISIX S-Series Camera to VIGIL Server	
1.2 Access UI via Web Browser	

1 Camera Overview

1.1 Package Contents

Please see the descriptions of the camera's box contents.



Number	Description
1	Camera
2	Mounting Base
3	2x Installation Hardware (screws and anchors)
4	T20 Torx Key

NOTE: Press and hold RESET for 10s when the camera is powering on or rebooting to restore the default settings, including the user name, password, IP address, port No., etc.

AVAILABLE MOUNTS

- VX-WM-D2: Wall Mount Adaptor
- VX-PM-D2: Pendant Mount Adaptor
- VX-FM-D2: Indoor Ceiling Flush-Mount Adaptor
- **VX-POLE**: Pole Mount Adaptor
- VX-CM: Corner Mount Adaptor
- **VX-WMJ-D2**: Wall Mount Adaptor with Junction Box

1.2 Installation

REMOVING DOME

- 1. Use the supplied torx key to unscrew the three fastening points for the dome.
- 2. Lift the dome to remove it from the camera chassis.



INSTALLING THE MICROSD CARD

Steps:

- 1. Use the supplied hardware to unfasten the dome screws and remove the from the chassis.
- 2. Insert the microSD card into the available reader slot.





INSTALLING THE CAMERA - CABLING ROUTED THROUGH BASE

Steps:

- 1. Use a pencil and the mounting base to mark the drilling points and the cable hole on the installation surface.
- 2. Drill the cable hole and anchoring points into the installation surface.
- 3. Insert the anchors.



- 4. Route the cablings harness through the center cable hole.
- 5. Use a Philipps-head screwdriver to fasten the mounting base to the installation surface.



6. Proceed to Installation – Cabling and Safety Wire for next steps. .

INSTALLING THE CAMERA — CABLING ROUTED THROUGH SIDE

Steps:

- 1. Use a pencil and the mounting base to mark the drilling points on the installation surface.
- 2. Drill the anchoring points into the installation surface.
- 3. Insert the anchors.



4. Use a screwdriver to fasten the mounting base to the installation surface.



5. Proceed to Installation – Cabling and Safety Wire for next steps.

INSTALLATION – CABLING AND SAFETY WIRE

1. If routing the cable through the base of the camera, route the cabling through the hole you drilled in the installation surface (A). If you are routing the cable through the side of the camera, no action is required (B).



2. Attach the safety cable to the clip located on the camera mounting base.



3. Attach the **GND** wire to the grounding point using a Philipps screwdriver.



- 4. Remove the alarm and power blocks from the camera.
- 5. Wire the alarm and power blocks as necessary. Available wiring and inputs / outputs may vary depending on your camera model.



6. Connect all cabling (Audio In / Out, RJ-45, etc...) and reattach the wired alarm and power blocks to the camera.



If you are routing cabling through the base of the camera, proceed to Installation – Finalizing
Installation. If routing through the side of the camera chassis, remove the cabling plug and route the
cabling harness through the side.





INSTALLATION – FINALIZING INSTALLATION

- 1. Secure the camera body to the mounting base aligning the camera and base using the indicators then pushing and turning the camera body counter-clockwise into the base until snug.
- 2. Use the provided torx key to secure the camera body to the base.



2 Camera Setup

2.1 Detecting, Activating Changing the Camera IP Address

After networking the camera with the LAN, the user must obtain the camera's IP address to connect to the device. To obtain the IP address, the 3xLOGIC Camera (VISIC IP) Setup Utility, a software tool which can automatically detect online network cameras on the LAN, add these devices to VIGIL Server and list the device information including IP address, subnet mask, port number, device serial number, device version, etc... is recommended. An example is shown in Figure 2-3.

This utility is installed alongside VIGIL Server or can be downloaded separately. If on a VIGIL Server system, launch utility from *Start>Programs>VIGIL>Utility* or download the utility from the 3xLOGIC website's *Software Support Center > VIGIL Utilities* (http://www.3xlogic.com/software-center) to a Windows PC.

Steps:

1. Launch the utility.

2. Click Detect Online Devices / Change IP Address.

	Detect Unline De	vices / change i	ir aduress		_	
🔉 3xLOGIC Camera Setup Utility 🔀	1. Select Online	Devices				
	Activated	Device Type	IP Address	Port Number	Serial Nun	nber
Detect Online Devices / Change ID address	002 Yes	SN-2S-CPIR-W	10.1.11.34	8000	and the second second	And the state of t
Detect Online Devices (Change IP address) Show Advanced Options >>	003 No	SN-25-CPIR-W	10.1.11.51	8000	- In the second second	
	004 Yes	VX-4S28-MD-I	10.1.13.56	8000	CONTRACTOR OF THE OWNER.	CONTRACTOR OF STREET, STRE
	005 Yes	V5X-3MP-ODIR28	10.1.12.81	8000		SPORENDELF A
IP Address 10 . 1 . 13 . 138 Port 80	006 Yes	VSX-5MP-D2	10.1.12.87	8000	1011100110	t concentration - tr
	007 Yes	VSX-2MP-MVD28	10.1.13.104	8000	1000	and the second states as a
User name admin Password *****	008 Yes	V5X-2MP-MVD28	10.1.13.110	0008		
	009 Tes	VSX-2MP-D	10.1.13.116	8000	distant of the	- de- mercel - hereiter.
Web Settings Video Proving	011 Yes	VSX-2MP-MBIR	169,254,84,1	18 8000		
web becangs video Preview	•					<u>.</u>
Connect Update Firmware Save to VIGIL Quit	Cameras Alread	/ Configured in VIGI	IL Server			Refresh Cameras
	Server Channel	Activated Devic	ce Type IF	P Address	Port Number	Serial Number
	005	N/A VX-V	T-36 1	0.1.13.84	80	1 Marcale Control of C
	002	N/A VX-V	T-36 1	0.1.14.88	80	(* Service and
	004	Yes VSX-2	2MP-VD 1	0.1.13.101	8000	HEALTH AND
	003	Yes VX-3	M20-B-RIAWD 1	0.1.11.130	8000	121-1200-12
	001	N/A VX-1.	.3MP-PIN1 1	0.1.12.153	80	NUMBER OF COLUMN
2017-09-22 12:08:40: Found Vigil.exe Version:10.00.0100	Configure IP A	Address				·
	Serial Number IP address	SN-25-CPIR-W2	20160625AAWR617 . 13 . 56	966164	MAC Address	s bc-ad-28-b3-54-3a
	Subnet mask	255 . 255	. 248 , 0		Device Port	8000
	Default Gatewa	10 . 1	. 10 , 254		User Name	
	DNS Server				Password	
	Change	IP Address	Save	e IP Address		ancel IP. Address Change
				8	Save to VIGI	L NEXT Cancel

Figure 2-1 3xLOGIC Camera (VISIX IP) Setup Utility

- 3. Select the camera from the list of online devices.
- 4. If you are configuring the camera for initial setup, click **Activate** to assign a new password. This step is required for security purposes and must be completed before continuing. If the camera has previously been configured, skip to Step 5.
- 5. Once you have assigned a new password to the camera, click **Change IP Address** and change the IP address and subnet mask to the same subnet as that of your computer. Save the settings.



Serial Number								MAC Address	1		
IP address	10	•	1		12	•	81				
Subnet mask	255	•	255	•	248		0	Device Port		8000	
Default Gateway	10	•	1	•	10	•	254	User Name		admin	
DNS Server						1		Password		****	
Change IP	9 Addre	55]			S	is Ci	ancel IF	P Address (hange:

Figure 2-2 3xLOGIC Camera (VISIX IP) Setup Utility – Changing Device IP Address

- 6. Enter the IP address of network camera in the address field of the web browser to access the camera's web UI.
 - The default IP address is 192.0.0.64 and the port number is 8000.
 - NOTE:

- For accessing the network camera from different subnets, please set the gateway for the network camera after you logged in.

1.1 Adding a VISIX S-Series Camera to VIGIL Server

Purpose:

By following the steps outlined in this section, a user can add a camera to VIGIL Server using the 3xLOGIC Camera (VISIX IP) Setup Utility. The utility was previously utilized in Section 2.1.2 to detect and change the camera's IP address. This utility is installed alongside VIGIL Server and will launch automatically when following the below steps.

Steps:

- 1. Login to VIGIL Server.
- 2. Open the Settings > Camera Setup Tab.
- 3. Select an unused camera channel to associate with the camera.
- 4. Toggle the Network Camera checkbox. The Network Camera Settings form will deploy. If the form does not deploy automatically, click the Network Camera - Settings button.
- 5. Click the Detect Cameras button located next to the Type field. The 3xLOGIC Camera Setup Utility will deploy and will automatically begin detecting devices on the network.

Network Camera Settings						
Туре:		Detect Cameras				
Address:		Web Settings				
Data Port:	80					

Figure 1-1 Launching the 3xLOGIC Camera Setup Utility

6. Select the desired camera from the list of online devices and click Next.

etect	Online De	vices / Change IP	address		x
1. Se	elect Online [Devices			
	Activated	Device Type	IP Address	Port Number	Serial Number
002	Yes	SN-2S-CPIR-W	10.1.11.34	8000	anticeproduction of Place etc.
003	No	SN-2S-CPIR-W	10.1.11.51	8000	our control state that a winter with
004	Yes	VX-4S28-MD-I	10.1.13.56	8000	CONTRACTOR CONTRACTOR OF CARDING
005	Yes	VSX-3MP-ODIR28	10.1.12.81	8000	1011-1281-1201-1200-1000-000-001-0-0-0
006	Yes	VSX-5MP-D2	10.1.12.87	8000	NAMES AND A CONTRACTOR OF A CONTRACT OF A CONTRACT. CONTRACT OF A CONTRACT. CONTRACT OF A CONTRACT. CONTRACTACT OF A CONTRACT OF A CONTRACT OF A CONTRACT OF A CONTRACT OF

Figure 1-2 3xLOGIC Camera (VISIX IP) Setup Utility – Selecting Camera from Online Devices List

7. After the utility successfully accesses the camera, click **Save to VIGIL.** A window will deploy where the user can assign the camera's stream profiles.

NOTE: If the utility fails to access the camera, confirm the utility is using the correct log-in credentials for the camera (created during camera activation) and re-attempt saving to VIGIL. If issues persist, contact <u>3xLOGIC Support</u>.

Save Camera to VIGIL	×
Save to VIGIL Server camera number: 7.	
IP Address: 10.1.11.189	
User Name: admin	
Password: 12345	
This camera has multiple streams available. Please select which streams to save to VIGIL.	
Main Stream: Stream 1 💌 Sub Stream: Stream 2 💌	
C Stream 1	1
URL: rtsp://10.1.11.189/h264/ch1/main/av_stream	
Codec: H.264 resolution: 3MP (2048x1536) FPS: 8 Bitrate: 1792K	
Stream 2	í
URL: rtsp://10.1.11.189/h264/ch1/sub/av_stream	
Codec: H.264 resolution: QVGA (320x240) FPS: 15 Bitrate: 320K	
Cancel	

Figure 1-3 Assigning Stream Profiles

8. Assign the streams as desired and click **OK**.

The user will be returned to the Network Camera Settings form.

9. Configure additional settings as desired.

Network Camera	a Settings			X				
Type:	3×LOGIC VI	SIX-IP 💌	Detec	t Cameras				
Address:	10.1.11.18	,	Web	Settings				
Data Port:	8000							
RTSP Port:	554	RTSP Strea	am Type:	TCP 💌				
Camera Number:	1							
Main Stream URL:	rtsp://10.1.	11.189/h26	4/ch1/mair	n/av_st				
Sub Stream URL:	rtsp://10.1.11.189/h264/ch1/sub/av_stream							
Stream Type:	RTSP H264	H265 Main S	itream	•				
Timeout:	5			÷s				
User:	admin							
Password:	****							
AZTech Recompress				V				
Fast Decompression				v				
DIO								
Audio Recording								
Camera Control								
Audio Talk								
Sub Stream								
Enable Web Interfac	e in Client			Γ				
Default Settings		Ōĸ		⊆ancel				

10. Click **OK** to on the Network Camera Settings form then click **Apply** on the VIGIL Server Settings window to save the new settings.

The camera will now be saved to VIGIL and can be accessed and controlled via the VIGIL Server UI. Any other applicable VIGIL utilities (VIGIL Client, View Lite II) that have been interfaced with the VIGIL Server will also be able to access and control the camera. See the VIGIL Server and VIGIL Client User Guides for more information on interacting with the camera and its footage. Visit the <u>3xLOGIC Document Library</u> for the latest available support documentation.

1.2 Access UI via Web Browser

Steps:

- 1. Open a web browser.
- 2. Input the IP address of the network camera in the URL address bar, e.g., 192.0.0.64 and press the Enter key to enter the login interface. Alternatively, if the camera is interfaced with VIGIL Server, the web UI can be instantly deployed by opening the camera's *Network Settings* form in VIGIL Server Settings > Cameras Tab and clicking the Web Settings button.
- Input the user name and password and click Login.
 NOTE: The username/password for the camera will have been configured during camera activation If the camera has already been configured using one of 3xLOGIC's setup tools (VIGIL Easy Setup Wizard, 3xLOGIC Camera Setup Utility) then default credentials will have been changed by the installer (this is a standard security precaution enforced by the setup tools). Contact your security network administrator for credentials.

NOTE: English is the only supported language.



Figure 2-3 Login Interface

4. To view video and have full access to the camera's configuration settings, you will need to install the Web Components plug-in. Click "Activate Web Components" to start the plug-in installation. NOTE: Depending on your web browser, you may be required to authorize the installer to run.

NOTE: You may have to close the web browser to install the plug-in. Reopen the web browser and log in again after installing the plug-in.



Figure 2-4 Download and Install Plug-in



Figure 2-5 Install Plug-in (1)



Figure 2-6 Install Plug-in (2)

After the Web Components plugin successfully install, you can access and operate the camera's browser interface. Visit the <u>3xLOGIC Document Library</u> for the latest available support documentation.





12000 Pecos St., Suite 290 Westminster, CO 80234 303.430.1969 Toll Free: 877.3xLOGIC www.3xlogic.com

© 2019 3xLOGIC Inc. All rights reserved.

Information in this document is subject to change without notice. 3xLOGIC and the 3xLOGIC logo are trademarks of 3xLOGIC, Inc. all other trademarks are property of their respective owners.

Revised: July 3rd, 2019