VISIX VIDEO SOLUTIONS | QUICK START GUIDE

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VISIX VX-10M28(4)-DUAL-OD-IAW(-X)

10MP Fixed Dual Lens Imager (2x5MP) Quick Start Guide - v1.0.0

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QUICK START GUIDE | VX-10M28(4)-DUAL-OD-IAW(-X) COMPLIANCE



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Advance

- 1. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions
 - i. This device may not cause harmful interference.
 - ii. This device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

- 2. This device complies with CAN ICES-3 (A)/NMB-3(A)
- 3. This device is UL and ULC E467574 (Safety) cerfied
- 4. This device complies with CE 2014/30/EU EMC Direcve, 2015/863/EU RoHS3 as part of 2011/65/EU RoHS.
- 5. This device complies with UKCA Electromagnec Compability Regulaons 2016 and UKCA Restricon of the of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012
- 6. This device complies with WEEE- Do not discard this product along with other household waste, it must be collected and treated separately. See *Discard Old Appliance* section o this document for information on proper disposal.



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PRE-INSTALL AND SAFETY GUIDELINES



Note: These instructions are intended to ensure that the user can use the product correctly to avoid danger or property loss. If the product is not functioning properly or damaged, contact the service center or purchasing office.



CAUTION: Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.



ATTENTION: Il y a risque d'explosion si la batterie est remplaée par une batterie de type incorrect. Mettre au rebut les batteries usagees conformément aux instructions.

Although this document is a guideline, failure to follow these recommendations, especially for environmental conditions, can cause unnecessary and costly problems. It is in the customer's best interest to adhere to all points in this guide during the initial stages of system design and installation.

If the installation area does not properly support these requirements, failure of the unit is likely to occur due to excessive heat, poor power conditions and poor cabling.

WARNINGS



Warning: Serious injury or death may be caused if any of these warnings are neglected.

BATTERY *WHEN USING A LITHIUM BATTERY*

- 1. There is a risk of explosion if the battery is incorrectly replaced. The battery should be replaced only with the same battery.
- 2. Used batteries must be disposed of according to local regulations or battery manufacturer's instructions. Disposing of in a fire or in a hot oven, or mechanically crushing and cutting may cause an explosion.
- 3. Leaving the battery in a very high temperature or low air pressure environment may result in an explosion or leak of flammable gases.

BATTERIE *LORS DE L'UTILISATION D'UNE BATTERIE AU LITHIUM*

- 1. Il y a un risque d'explosion si la batterie est remplacée de manière incorrecte. La batterie doit être remplacée uniquement par une batterie identique.
- 2. Les batteries usagées doivent être éliminées conformément aux réglementations locales ou aux instructions du fabricant. La combustion, le chauffage à haute température, le broyage mécanique ou la découpe peuvent entraîner une explosion.
- 3. Le fait de laisser la batterie dans un environnement très chaud ou à basse pression atmosphérique peut entraîner une explosion ou une fuite de liquides inflammables ou de gaz.

CAUTIONS



Caution: Injury or equipment damage may be caused if any of these cautions are neglected.

POWER

1. Disconnect the power plug from the outlet before connecting to the power terminal block. Connect the device to the power line after fixing it firmly to the power connection terminal. Connect the power plug to the outlet to power the device.

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- 2. Do not extend the adapter output cable. If you need to install the power cable extension, please contact the service center.
- 3. If there is smoke or a strange smell from the power source, disconnect the power immediately and contact the service center or purchasing office. If you continue to use it as it is, it can cause fire and / or electric shock.

INSTALLATION

- 1. Avoid installing cameras facing bright light like sunlight.
- 2. Make sure the camera is safely secured when mounting on the wall or ceiling. Falling hardware can cause injury.
- 3. Do not connect multiple cameras to one adapter. Excess capacity can cause excess heat and fire.
- 4. Wear protective gloves when installing / uninstalling the camera. This prevents burns caused by high temperature on the surface of the product.
- 5. Do not drop or shock the product. Please stay away from places where vibration is severe or strong magnet are present.
- 6. Install the device according to the temperature and humidity environment suitable for the product specifications. Otherwise, it can cause fire and electric shock.
- 7. Thunder and lightning can cause problems with the camera. When installing, be careful to minimize damage caused by lightning by grounding of the device.
- 8. Do not install it in places where there is excess moisture, dust, soot, etc. This could cause fire and / or electric shock.
- 9. Avoid installing in direct sunlight or in areas emitting excess heat, such as heating appliances. This could cause fire and / or electric shock.

CLEANING

- 1. If the camera lens is dirty, wipe the contaminated surface with a clean, soft, dry cloth. If dirt remians, wet the soft, dry cloth (but ring out the cloth to prevent water from flowing) then wipe and dry the contaminated area.
- 2. Do not spray water directly on any part of the product when cleaning. This could cause fire and/or electric shock.

INSTALLATION AND USE PRECAUTIONS

- 1. Do not disassemble the camera at your discretion.
- 2. If you forcefully install the product with excessive force, malfunction can damage the camera.
- 3. Do not punch or shake the camera and be careful not to damage the camera with careless storage or malfunction.
- 4. Be careful not to install the camera in a rainy or humid place, and do not leave it in a wet place.
- 5. Installing or using the product in water can cause serious product failure.
- 6. Do not install the product if there is chemical or vapor in the place where the product is installed, or if it can be generated.
- 7. Be careful not to get chemicals on the surface of the product when installing the product. Chemical solvents such as cleaning agents and adhesive components can cause fatal damage to the surface of the product.
- 8. Do not install it near the kitchen or cooking table as edible oil such as soybean oil can also cause product damage and deformation. It can cause product damage.
- 9. Be careful not to get foreign substances on the Micro SD card terminal. If there is any foreign substance, wipe it with a soft cloth.
- 10. Data will not be saved at the end of the life of the Micro SD card. In this case, purchase a new Micro SD card.
- 11. Moisture may occur in the glass of the camera when the new product box is opened (or when the product is initially running). The generated moisture is removed by a Gore vent attached to the camera within hours of the power connection.
- 12. For products enclosed with a desiccant or card-type absorbent, please install it according to the manual.
- 13. Use only with cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus.
- 14. Unplug this apparatus when a cart is used. Use caution when moving the cart/apparatus combination to avoid injury from tip-over.



PREPARING TO MOUNT THE CAMERA

- 1. The mounting surface must bear five times the weight of your camera.
- 2. Do not let the cables get caught in improper places or the electric line cover to be damaged. This may cause a breakdown or fire.



CAUTION: These servicing instructions are for use by qualified service personnel only. To reduce the risk of electric shock do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so.

- 3. This product is intended to be supplied by a UL Listed Power Supply Unit marked "Class 2" or "LPS" or "PS2" and rated DC12V max 9.9W, PoE max 11.6W.
- 4. The wired LAN hub providing power over the Ethernet (PoE) in accordance with IEEE 802-3af shall be a UL Listed device with the output evaluated as a Limited Power Source as defined in UL60950-1 or PS2 as defined in UL62368-1.
- 5. Unit is intended for installation in a Network Environment 0 as defined in IEC TR 62102. As such, associated Ethernet wiring shall be limited to inside the building.
- 6. Using the mounting template sheet or the camera itself, mark and drill the necessary holes in the wall or ceiling.

INSTRUCTIONS POUR MONTER LA CAMÉRA

- 1. Le support de montage doit être capable de supporter cinq fois le poids de votre caméra.
- 2. Ne laissez pas les câbles se coincer et faites aenon à ne pas endommager la couverture de la ligne électrique. Cela pourrait provoquer une panne ou un incendie.

Attention: Ces instrucons de maintenance sont desnées à un usage par un personnel qualifié uniquement. Pour réduire les risques de choc électrique, n'effectuez aucune opéraon de maintenance autre que celles décrites dans les instrucons d'ulisaon, sauf si vous êtes qualifié pour le faire.

- 3. Ce produit doit être alimenté par une unité d'alimentaon électrique cerfiée UL, marquée "Classe 2", "LPS" ou "PS2" et ayant une tension nominale de 12 Vcc, 2max 9.9W
- 4. Le concentrateur LAN câblé fournissant de l'énergie via Ethernet (PoE) conformément à la norme IEEE 802.3af doit être un appareil cerfié UL avec une sore évaluée comme source d'alimentaon limitée, selon la définion de l'UL60950-1 ou PS2 selon la définion de l'UL62368-1.
- 5. L'unité est desnée à être installée dans un environnement réseau 0, tel que défini dans l'IEC TR 62102. Par conséqu ent, le câblage Ethernet associé doit être limité à un réseau local.
- 6. À l'aide du gabarit de montage fourni ou de la caméra elle-même, marquez et percez les trous nécessaires dans le mur ou le plafond.

1 PRODUCT & ACCESSORIES

Note: Confirm all camera parts and accessories are included in the package.



2 PART NAMES



PART	DESCRIPTION
1	Micro SD Card Slot
2	Video Test Connector
3	Bottom Case
4	Reset Button
5	Video Change Button
6	LAN (RJ45) Port
7	Dome Cover
8	Microphone
9	I/O Cable Connector

3 INSTALLATION

Before installing you must read the following cautions.



Confirm the installation location can bear five times of the weight of your camera.



Do not allow the cabling to be caught, pinched or snagged on the environment or the electric line cover to be damaged. Otherwise it may cause a malfunction or fire.



When installing your camera, do not allow any person to approach the installation site.

3.1 DISASSEMBLING THE CAMERA



 To begin installation, the camera must firs t be disassembled. Detach the dome using the torx wrench attached to the bottom case.

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3.2 CAMERA INSTALLATION

- 1. Disassemble the camera. See "Disassembling the Camera" on the previous page for details.
- 2. Using the template sheet, drill the cabling passthrough on the mounting surface.
- 3. Pull wires through the passthrough hole and make all necessary connections. See "Cabling" on page 1 for details.
- 4. Fix the bottom case to the mounting surface using the provided anchors and screws.
- To achieve desired field of view, rotate each sensor's 3-axis gimbal. To fix the position, tighten the til stopper screw. See "Installation" on the previous page for more information.
- 6. Attach the dome cover to the bottom case.
- 7. Detach the protective film from the dome cover.

FERRITE CORE INSTALLATION



Note: Installing the ferrite core to LAN cable is highly recommended to reduce high frequency noise level.

- i. Open the ferrite core by liing the clip.
- ii. Make one loop with the cable through ferrite core.
- iii. Close the ferrite core to hold the cable loop into its place.





3.3 CAMERA INSTALLATION - INSTALL W/ AVAILABLE MOUNTING BRACKETS



- 1. Attach the bottom case to selected mount Bracket.
- 2. Assemble the bottom case and bracket.
- 3. To achieve desired field of view, rotate each sensor's 3-axis gimbal. To fix theposition, tighten the til stopper screw. See "Installation" on page 3 for more information.
- 4. Attach the dome cover to the bottom case.
- 5. Detach the protective film from the dome cover.

AVAILABLE MOUNTS







VX-WM-BW08 VX-PM-BC08 VX-JB-BJC09

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3.4 CAMERA INSTALLATION - ADJUSTING FIELD-OF-VISION

DESI-PAK (MOSITURE ABOSRBER) INSTALL



Note: While adjusting lens angles, be sure to insert the provided desi-paks before reattaching the dome cover. This will help prevent mositure accumulation.

ADJUSTING CAMERA FOV USING 3-AXIS GIMBAL

See the below diagram for pan / tilt / rotate axis movement.





4 CABLING

4.1 CONNECTING LAN (RJ45) CABLE METHOD 1: WITHOUT RJ45 INSTALL CAP



METHOD 2: WITH RJ45 INSTALL CAP



- 1. Insert the RJ-45 Installer Cap on the LAN cable.
- 2. Remove the grommet blocking the bottom hole of the camerathen pass LAN cable with cap installer through the hole of the grommet from bottom to top.
- 3. Remove the RJ-45 Installer Cap from the cable and connect the LAN Cable to the camera.
- 4. After completing the cable installation, insert grommet into the bottom case.





Caution: Be certain the grommet is correctly oriented.



Warning: Bending or pinching the cabling can allow for water ingress which may lead to device malfunction / electrical shock / fire.

4.2 CAMERA CABLING

1. Network Connection Passthrough and Connector

Connect the RJ45 Cable through the grommet / passthrough to the LAN port. See "Connecting LAN (RJ45) Cable" on the previous page for more information.

- Max Distance 100m
- PoE IEEE 802.3af
- 2. **Terminal Block Cable Passthrough and Connector** - After LAN / RJ45 cabling, all remaining cabling (DC12V [optional], alarm, audio out, etc...) should be fed through this passthroughand into the available connector.
- DC12V Power Connection Confirm supply voltage before connecting. Cabling should be wired through the second passthrough / grommet. See below for wiring block diagram.
- Sensor Alarm Input (DI) Positive and negative wires of the sensor/alarm input device should connect to + and - terminals of the terminal block.

Alarm Out / Relay Out (DO)

Connect to an appropriate device (lights, siren, access control, etc...). The sensor types are normal open and normal close.

5. Audio Out - Connect the 'Audio Out' port of the camera to the 'Line In' port of the speaker.



Note: An amplified or powered speaker is required for the camera's Audo Out.



Note: Audio Out only supports RTSP Back Channel. Expanded access via browser UI planned.

- 6. Mic Built-in Microphone.
- 7. SD Card Slot
- 8. Video Test Connector Press and hold the video change button for 2 seconds to switch between sensor images for testing purposes.

Note: Press the reset button for 5 seconds to return the camera to the factory defaults.

Warning: Pressing the 'Reset' button will wipe all settings data. Take note of current settings before resetting.

5 CAMERA SETUP (ADD CAMERA TO VIGIL)

STEP 1: RUN DETECTION UTILITY / IDENTIFY CAMERAS

- i. On your VIGIL Server system, open the **VIGIL Server Management Utility** (VSMU) and navigate to the **Cameras** tab (open by default).
- ii. Select the desired camera channel from the treeview.
- iii. Enable **Network Camera**. The *Network Camera* Settings form will deploy.
- iv. Click the **Detect Cameras** button. VIGIL's embedded camera detection utility's *Detect Network Cameras* window will now deploy and populate with a list of detected cameras on the network.

STEP 2: SELECT CAMERA



Select the desired camera from the list of devices.

STEP 3: CHANGE PASSWORD

To follow best security practices, you must first secure your camera by changing default credentials. The default username/password **must** be changed. Video will not stream from the camera until the default admin password is changed.

After selecting your new camera (double-clicking) from the list of devices, enter in the default username and password of **admin / admin** then click **OK**.

Once logged in, the *Change Default Password* prompt will deploy. Enter and confirm a unique password, then click **OK** to complete the change. A popup will confirm your success.

Note: The camera credentials will be set to defaults when a 'factory reset' is performed on the camera.

STEP 4: CHANGING CAMERA IP INFO (OPTIONAL FOR NON-DHCP)

Note: If using DHCP, skip to Step 5.

The camera will use DHCP by default and should be assigned an IP by your network automatically. If the network lacks DHCP and requires a static IP for the camera, click **Change IP Address** with the camera selected in the *Detect Network Cameras* list. The *Change IP Address* window will deploy. Deselect the **Use DHCP** box and edit



the camera's IP info. Enter the camera's credentials you configured in the previous step and click **OK** after making changes to save the new IP information.

Note: Default TCP/IP information (set after 90 seconds if no DHCP is detected):

- IP: 192.168.1.80
- Subnet Mask: 255.255.255.0
- Gateway: 192.168.1.1
- DNS : 168.126.63.1

After making and saving any IP changes, confirm the camera is still selected in the devices list then click **OK**. The utilities' *Camera Info / Stream Selection* window will deploy.

Camera Inf	fo [10.1.12.120]					
Camera Info	D					
P Address:	10.1.12.120					
lanufacturer	: 3xLOGIC					
1odel:	VX-5M4-MB-IW					
irmware:	A6.2.2_2021.04.23					
eriai: Iardwaro ID:	1C82591889D6					
	VX SHT HD IV			5		
Select Stre	eam Profiles			$ \sim $		
Please selec	t Main Stream and Sub	Stream profiles	. /		\mathbf{X}	
Main Stream	n: nrofile1			Sub Stream	nrofile?	~
Fram Server	promer		`	Sub Sucuri	promez	
Available	Profiles					
Name	Video Source	CODEC	Resolution	FPS	Bitrate	URL
profile1	video_source_01	H264	2592x1944	30	2560	rtsp://10.1.12.120:554/profile1
profile2	video_source_01	H264	352x240	10	256	rtsp://10.1.12.120:554/profile2
profile3	video_source_01	JPEG	352x288	30	1024	rtsp://10.1.12.120:554/profile3
			3			
						04 (2006)

STEP 5: ASSIGN STREAM PROFILES

The final step before adding the camera to VIGIL is to assign stream profiles to the camera's Main and Sub streams in VIGIL. Camera info is also visible top left for your review.

profile1 contains settings ideal for high-quality Mainstream video. **profile2** contains settings ideal for Substream quality video (reduced quality, increased performance). Settings for each available profile are visible in the *Available Profiles* list.

For the VX-10M28(4)-DUAL-OD-IAW(-X) camera, see the below table for lens / stream labeling. Each available lens/sensor can each be added to a separate VIGIL channel (repeat all steps in this

section for each lens; when configuring the second lens, the same camera must be selected during identification in Step 2).

Sensor	Mainstream	Substream
Sensor 1	profile1_1	profile1_2
Sensor 2	profile2_1	profile2_2

STEP 6: SAVE TO VIGIL

Click **OK** on the camera info window to save settings. The camera's settings will populate VIGIL's *Network Camera Settings* form. . Click **OK** to save the camera to VIGIL

STEP 7: ADVANCED OPTIONS / FACTORY RESET / REBOOT

If advanced configuration of camera image(and other) settings is required, see the latest version 3xLOGIC VISIX Gen III User Guide for more information on accessing and configuring these settings via the camera's browser UI.

If a factory reset is required, login to the camera's browser interface (enter IP into a browser URL bar and login to the camera) then navigate to Setup > System > Factory Reset. To perform a basic camera retart, navigate to Setup System > Restart.

5 VCA (ANALYTICS) RULE SETUP

RULES



STEP 1: UNDERSTANDING VCA RULES

VCA Rules are used to create reactions to events within a scene and trigger appropriate actions. To manage rules, login to the camera's browser UI and navigate **Setup>VCA >Rules**. The *Rules* page displays a live view from the camera and allows you to add, modify or delete rules.

For the VX-10M28(4)-DUAL-OD-IAW(-X), VCA (and consequentially VCA rules) can only be enabled for one sensor.

STEP 2: VCA RULE CONFIGURATION

As an example for this guide, the *Presence Line* rule's configuration will be outlined. For information on all available rules, refer to the latest 3xLOGIC VISIX VCA Analytics Guide. To add a rule, click the **Add** button on the *VCA* > *Rules* page and select *Presence Line* as the rule type to follow this example.

The Presence Line Rule triggers an event when an object is first detected crossing a selected line.

The Presence Line Rule will create a line and overlay it

on the live view. The line can be reshaped accordingly. Selecting a grey node will split the segment and create a more complex shape. Select the minus sign next to a red node to remove a segment.

RULE PROPERTIES

- **Name:** Define the name of the rule.
- **Object Filter:** Allows the rule to be configured to only trigger based on an object's classification (e.g. person, vehicle). Any combination of the available options is possible. The calibration process must be completed before object filtering is available. The available classes are defined in the Classification section of the menu.
- Color Filter: Provides the ability to pick up objects based on an object's color components that are grouped into 10 colors. This filter is only available for traditional visible light sensors.

EVENT ACTIONS

• **Event Notifications:** Define the action that will occur on an event being triggered.



- **TCP Event:** Enables/disables the triggering of the TCP notification when an event occurs.
- **HTTP Event:** Enables/disables the triggering of the HTTP notification when an event occurs.

The following applies for the notification methods selected.

- Relay Output (DO): Enables / disables triggering of the the camera's relay digital output (DO) when an event occurs. DO behavior can be configured at Setup > Trigger Action> Relay Output.
- **Triggered By:** Define when the notification will be sent.
 - Object: Send notification for each object triggering the rule. Choose between the begintime of the object triggering the rule, as it enters the zones and/or the endtime of the object triggering the rule, as it leaves the zone. A notification will be sent for each object triggering the rule.
 - Rule: Send a notification every time the rule is triggered, from the beginning point of the first object to trigger the rule to the end point of the last object to trigger the rule. A notification will be sent for each triggering of the rule, regardless of the number of objects triggering at any one time.



Note: Remember to configure the TCP/HTTP notification actions for the action rules feature to function. Any combination of the available options is possible.

- Action Rule: Allows actions, defined in the camera, to be triggered when an event occurs.
- Convert VCA to MD: Allows the event to be passed to the cameras event engine which is compatible with ONVIF.

STEP 3: ADD A RULE TO VIGIL SERVER



Note: This section is not required for cameras setup as a standalone device.

After creating a VCA rule on the camera, the rule must be added to VIGIL Server so that related data can be stored in the VIGIL database. To begin:

- 1. Login to VIGIL Server.
- 2. Open Advanced Settings(VSMU) and navigate to the Camera Setup tab.
- 3. Select the camera channel associated with the camera you have created the VCA rule on.
- 4. With the camera selected, open **Network Camera Set**tings.
- 5. Click the **On-Board Analytics** button to launch the On-Board Analytics Utility.

This utility will display connection information for the camera (automatically populated by VIGIL Server) as well as VCA rules options. It will also list all VCA analytic rules that have been constructed on the camera. VCA rules will populate the *Event Trigger* list.



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- 6. Enable the **On-board Analytics** interface.
- 7. Enable the desired rules by toggling the **Enabled** checkbox for each desired rule, under the *Event Trigger* list. Using the provided drop-down for each rule, set **Display Options** (*Never Show Rule, Always Show*

Rule, Show Rule When Alarmed) and **Alarm Priority** (alarms can be filtered in VIGIL utlities based on priority level).

- If desired, toggle
 Alarm (the rule will trigger an alarm in VIGIL Server when activated) and VCM Sync (rule data will be synchronized to the VIGIL Central Management analytics database) options can also be enabled at this time.
- Click **OK** to save the settings and add the enabled rules to VIGIL Server.

Enabled					
Settings	Event Triggers	8			
Device: 3xLOGIC VISIX-IP-B	🔁 Reload From De	evice			
HTTP Port: 80 ^ V	Enabled /	Alarm VCM Sync	Name	Display Option	Alarm Priorit
User Name: admin			VCA-Presence Polygon		
Password: ******				Aways show itale	Ľ
Collect Counters					
Display Counters					
Collect Statistics		7			
Collected Data is Private					
Collected Data is Private					
Collected Data is Private				9	
Collected Data is Private				9	

For more information on configuration of VCA Rules, available rule types/settings and object classification, refer to the latest version of the 3xLOGIC VISIX VCA Analytics Guide. For information on interfacing VCA Rules and VIGIL Server Alarms, see the latest VIGIL Server User Guide.

6 VIEWING CAMERA IN VIGIL CLIENT

VIEWING LIVE

After adding the camera to VIGIL Server or setting the camera up as a standalone device (applicable models only), 3xLOGIC recommends VIGIL Client for viewing live and playback. Client's powerful toolset can be leveraged by users to thoroughly and quickly review camera footage and other data collected by a VIGIL Server or VIGIL All-in-One camera. Refer to the steps in this section for details on viewing the camera's footage in VIGIL Client.



- 1. After launching VIGIL Client, extend the Servers node located in the Sites tab treeview then double-click the desired VIGIL Server / standalone camera to reveal available devices and tools.
- 2. For Standalone devices, simply double-click the camera name in the drop-down to open a live view from the camera (skip to step 4). For VIGIL Servers, expand the Cameras node to reveal a list of available devices interfaced with the Server.
- 3. Double-click the desired camera. The camera's live stream will be automatically displayed in the viewing area.
- 4. Live Edge Controls instantly grant the user access to common tools such a Capture Still Image, Instant Replay and Stream Type Selection.
- 5. Stream information such as FPS rate, bitrate and CODEC type are listed when the cursor hovers over the boom edge of the frame.

SEARCHING AND VIEWING PLAYBACK

Select Instant Replay from the Live Edge Controls to open the last 5 minutes of footage from the camera or perform a playback search to review a custom me range of playback. A Playback viewer featuring the requested footage will deploy.

- Playback Live-Edge controls include Export Video or Stills, Stream Mode Selection and Screen Record, etc...
- Right-Edge Controls include more tools such as Smart Search, Audio and Zoom Controls and Image Control.
- 3. Stream information and standard playback controls are accessible at the boom of the frame.
- Located next to the scrub bar, footage markers and export tools can be used to quickly narrow down and export portions of interest within larger video clips.



For further details on reviewing and exporting playback and other advanced features such as audio recording and two-way audio talk, POS Data OSD and more, please visit www.3xlogic.com and consult the product documentation library for VIGIL Client-related support documentation.

7 CONTACT INFORMATION

3xLOGIC has offices in Fishers, Indiana, USA as well as Exeter, UK and Helsinki, FInland. Please visit our 3xLOGIC website at <u>www.3xlogic.com</u>. Please contact us by e-mail at <u>helpdesk@3xlogic.com</u> (technical support), or using the following contact information:

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DISPOSAL OF OLD APPLIANCE



1. When this crossed-out wheel bin symbol is attached to a product it means the product is covered by the European Directive 2002/96/EC.

2. All electrical and electronic products should be disposed of separately form the municipal waste stream in accordance to laws designated by the government or the local authorities.

3. The correct disposal of your old appliance will help prevent potential negative consequences for the environment and human health.

4. For more detailed information about disposal of your old appliance, please contact your city office, waste disposal service or the shop where you purchase the product.