VISIX VX-VT-56-DUAL-X

Outdoor Bullet Camera w/5MP Visible Light Lens and 56°FoV Thermal Imager

Quick Start Guide - v1.0.0

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E467564

CAN ICES-3 (A) / NMB-3(A)

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.

Notice: This product is covered by one or more claims of the HEVC Patents listed at patentlist.accessadvance.com

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.
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 12 Vdc, 2.0A (24w) min
4. The wired LAN hub providing power over the Ehternet (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

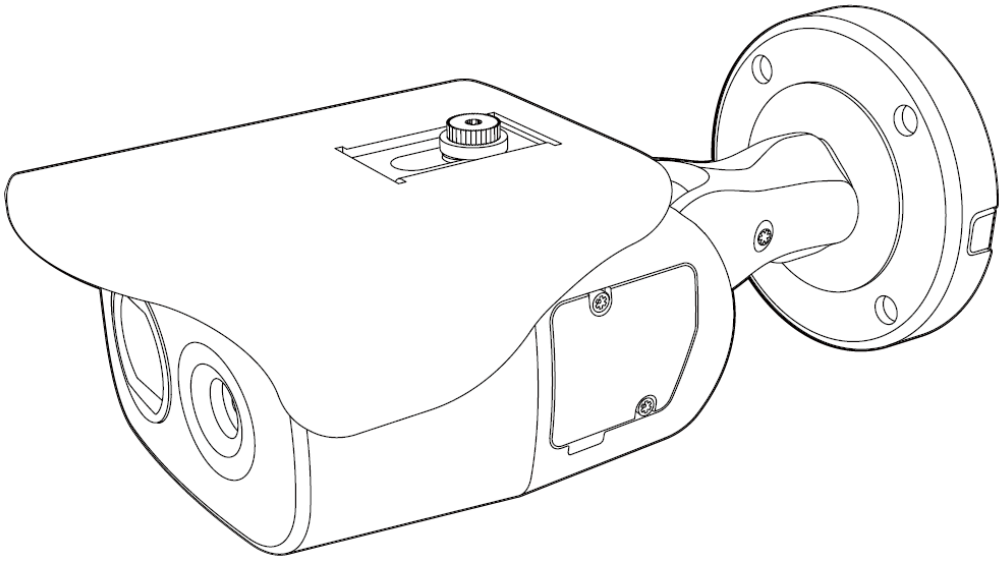
1. Le support de montage doit être capable de supporter cinq fois le poids de votre caméra.
2. Ne laissez pas les câbles se coincer et faites aenon à ne pas endommager la couverture de la ligne électrique. Cela pourrait provoquer une panne ou un incendie.

> **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.

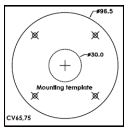
3. Ce produit doit être alimenté par une unité d’alimentaon électrique cerfiée UL, marquée "Classe 2", "LPS" ou "PS2" et ayant une tension nominale de 12 Vcc, 2.0A (24w) minimum.
4. Le concentrateur LAN câblé fournissant de l’énergie via Ethernet (PoE) conformément à la norme IEEE 802.3af doit être un 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

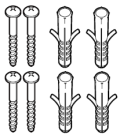
Note: Confirm all camera parts and accessories are included in the package.



VX-VT-56-DUAL-X

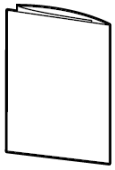


MOUNTING TEMPLATE



SCREWS AND ANCHORS - 4pcs

T-10 TORX WRENCH

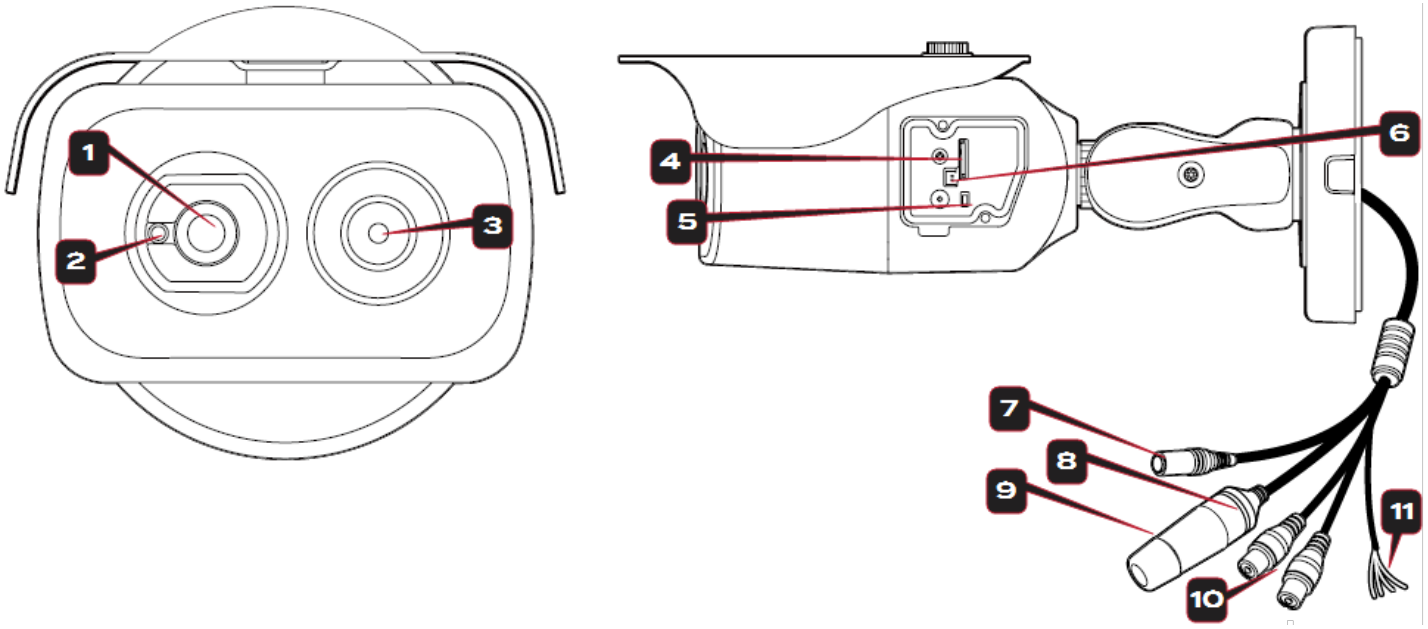


QUICK MANUAL

WATERPROOF CAP

DESI-PAK

2 PART NAMES



PART	DESCRIPTION
1	Lens
2	Illumination Sensor
3	Thermal Lens
4	SD Card Slot
5	Reset / WPS
6	Video Test Connector
7	DC Power Jack
8	RJ45 Connector
9	Waterproof Cap
10	Audio In / Out
11	Alarm In / Out

3 INSTALLATION

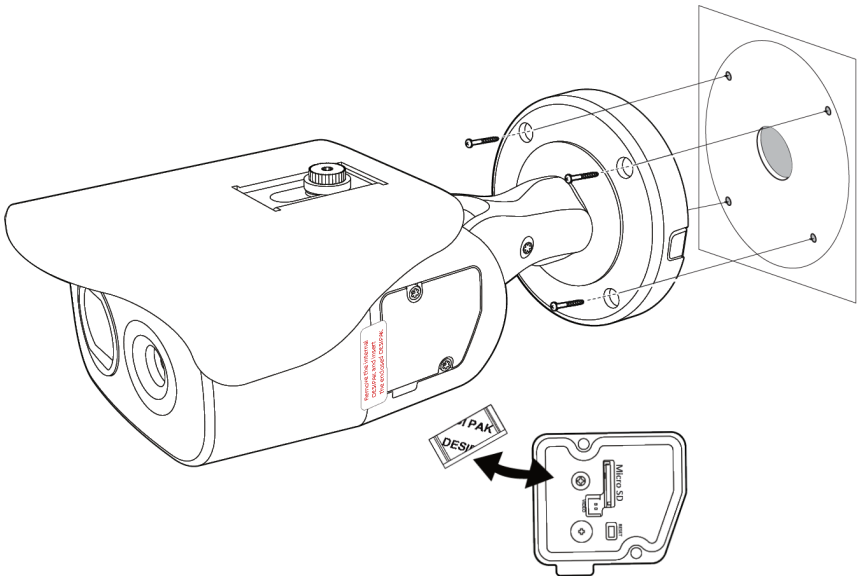
Before installing you must read the following cautions.

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

Do not allow the cable 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.

1. Using the Template sheet, drill the cabling hole on wall / ceiling.
2. Connect the power, audio, alarm and network cables respectively. See 'Cabling' and 'Waterproofing sections for details'.
3. Fix the camera on the wall / ceiling using the provided screws and anchors .
4. Loosen the Pan / Tilt stopper screw before fixing the camera.
5. Using the test video cable, check the camera image during installation and to confirm field of vision.

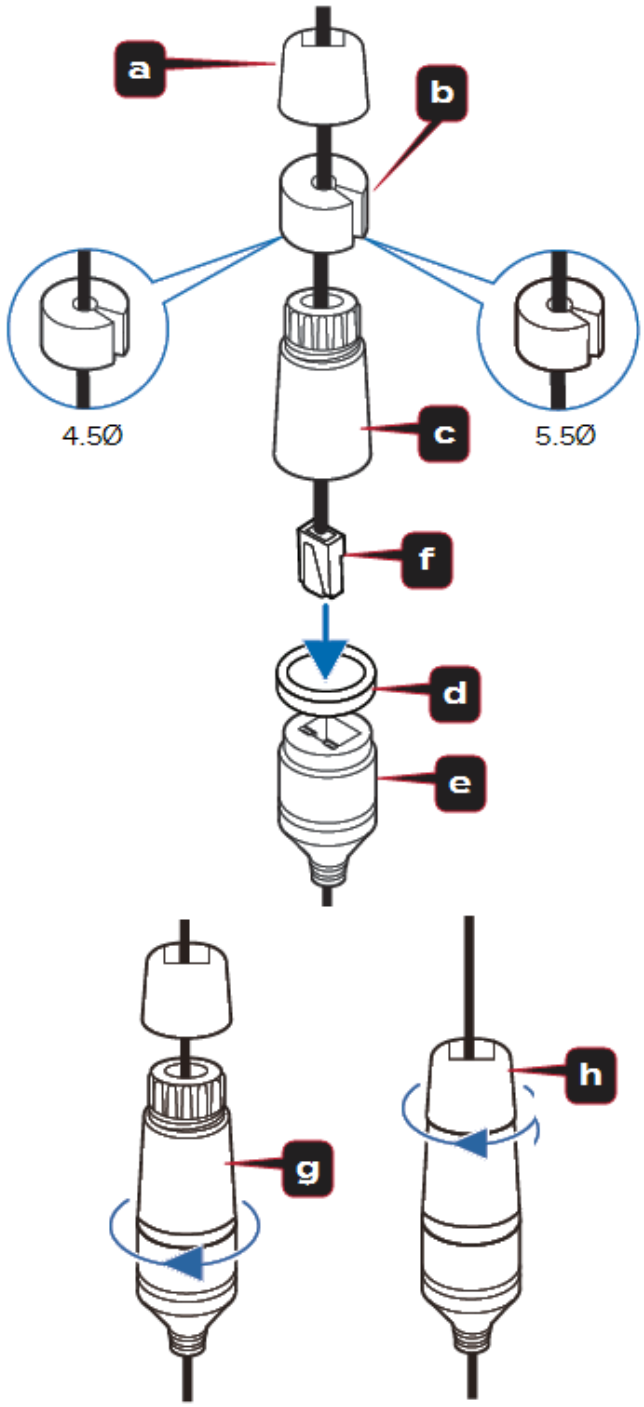


***Desi-Pak (Moisture Absorber)** - When inserting or removing Desi-Pak, be careful as it may be torn if you usea pointed tool.

***Reset to the Factory Default** - Press the reset button for 5 seconds to return the setup to the factory default.

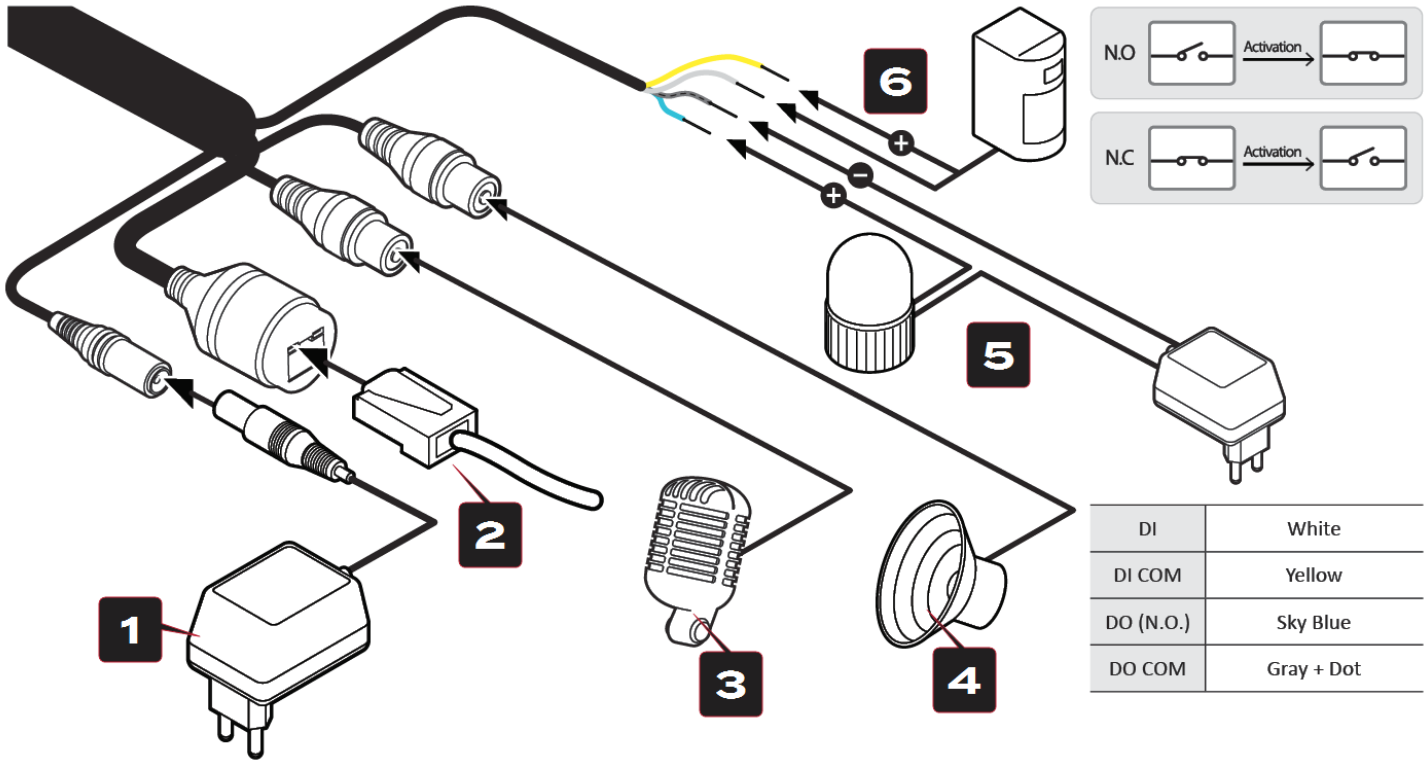
Warning: If you press the 'Reset' button, you will lose all setting data. If needed, please, make a note for further installation.

WATERPROOFING



1. Pass the LAN cable through the (a) lid.
2. Insert the cap open the (b) rubber.
3. When insert the cap choose 4.5Ø or 5.5Ø.
4. Pass the LAN cable through the (c) waterproof cap.
5. Insert the (d) rubber gasket at the (e) RJ-45 pigtail connector.
6. Connect the (f) LAN cable at (e) RJ-45 pigtail connector.
7. Tighten the (c) waterproof cap and (e) RJ-45 pigtail connector by turning it in the direction of the arrow.
8. Tighten (a) lid and (c) waterproof cap by turning them in the direction of the arrow.

4 CABLING



Component	Description
1	Power
2	Network
3	Audio In
4	Audio Out
5	Alarm Out (see above diagram for wiring color coding)
6	Alarm In (see above diagram for wiring color coding)

5 CAMERA SETUP (ADD CAMERA TO VIGIL)

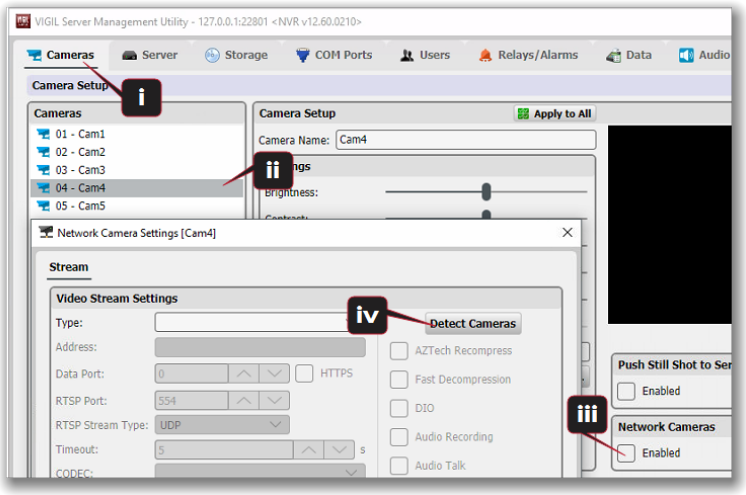
STEP 1: RUN DETECTION UTILITY / IDENTIFY CAMERAS

i. On your VIGIL Server system, open the **VIGIL Server Management Utility** (VSMU) and navigate to the **Cameras** tab (open by default).

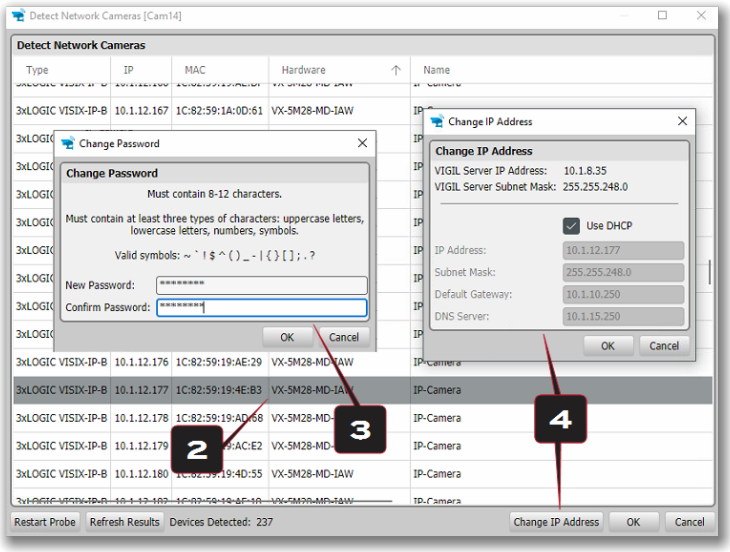
ii. Select the desired camera channel from the treeview.

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 pop-up 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)

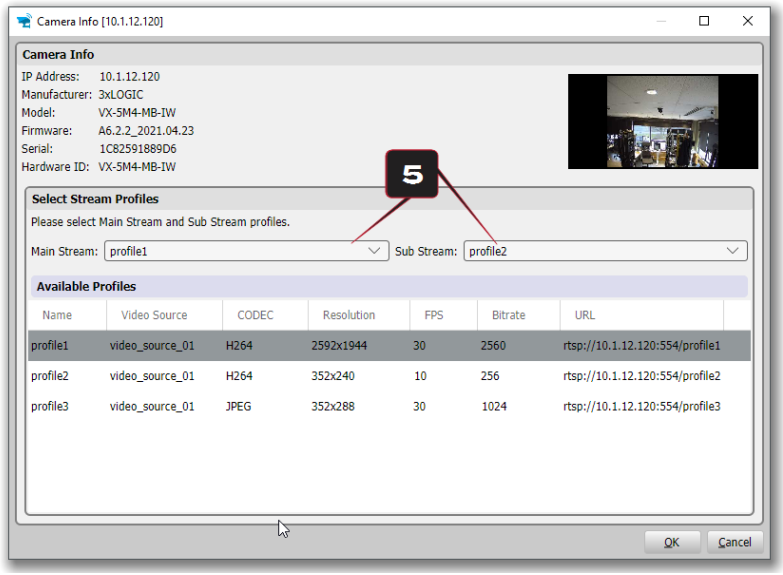
Note: If using DHCP, skip to Step 5.

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.



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-VT-56-DUAL-X camera, see the below table for lens / stream labelling. The traditional lens and the thermal imager 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	3rd Stream
Traditional (Visible Light)	profile1_1	profile1_2	profile1_3
Thermal	profile2_1	profile2_2	profile2_3

STEP 6: SAVE TO VIGIL

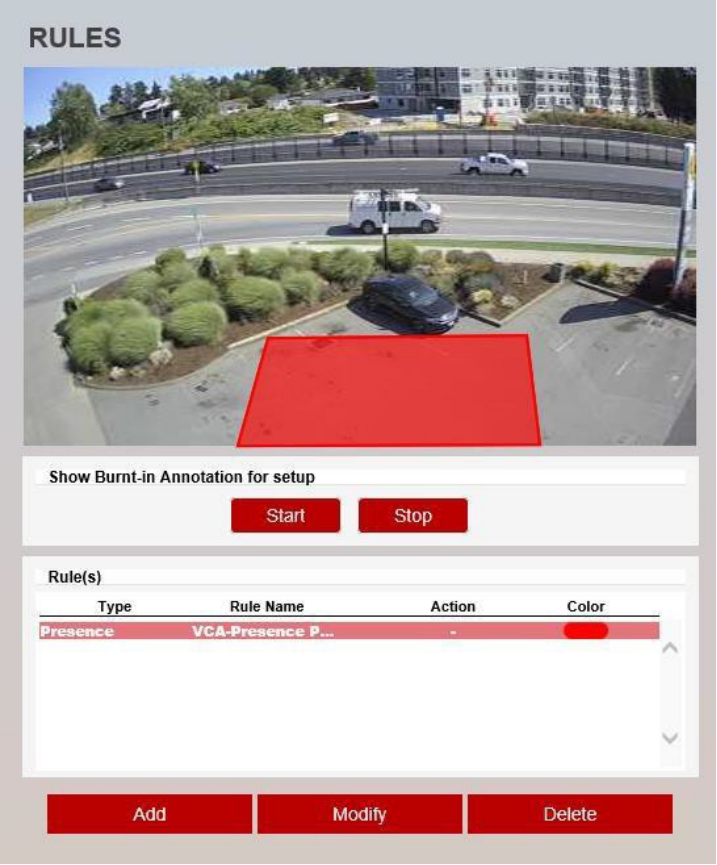
Click **OK** on the camera info window to save settings. The camera's settings will populate VIGIL's *Network Camera Settings* form. Click **OK** to save the camera to VIGIL.

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



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-VT-56-DUAL-X, VCA rules can be configured for either sensor (thermal or traditional), however VCA can only be applied to one of the sensors at a time. You can switch between the thermal (video2) and traditional (video1) sensor for VCA at **Setup>VCA>Enable** (analytics video input). The default selection is the thermal sensor.

STEP 2: VCA RULE CONFIGURATION

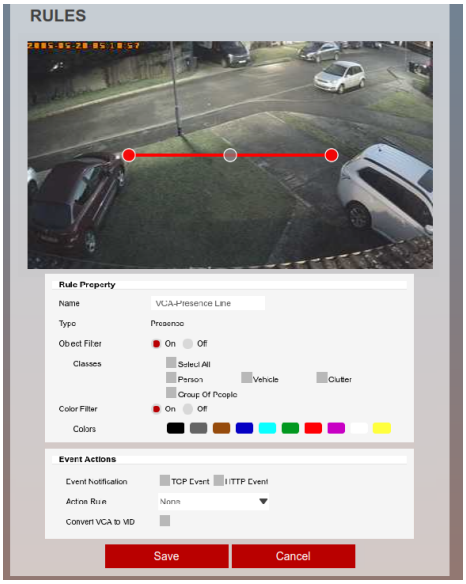
As an example for this guide, the *Presence Line* rule's configuration will be outlined. For information on all available rules, refer to the latest 3xLOGIC VISIX VCA Analytics Guide. To add a rule, click the **Add** button on the *VCA* > *Rules* page and select *Presence Line* as the rule type to follow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

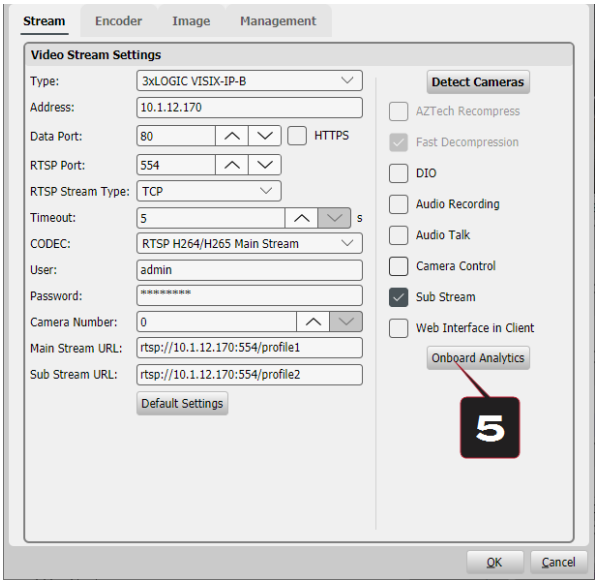
STEP 3: ADD A RULE TO VIGIL SERVER

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

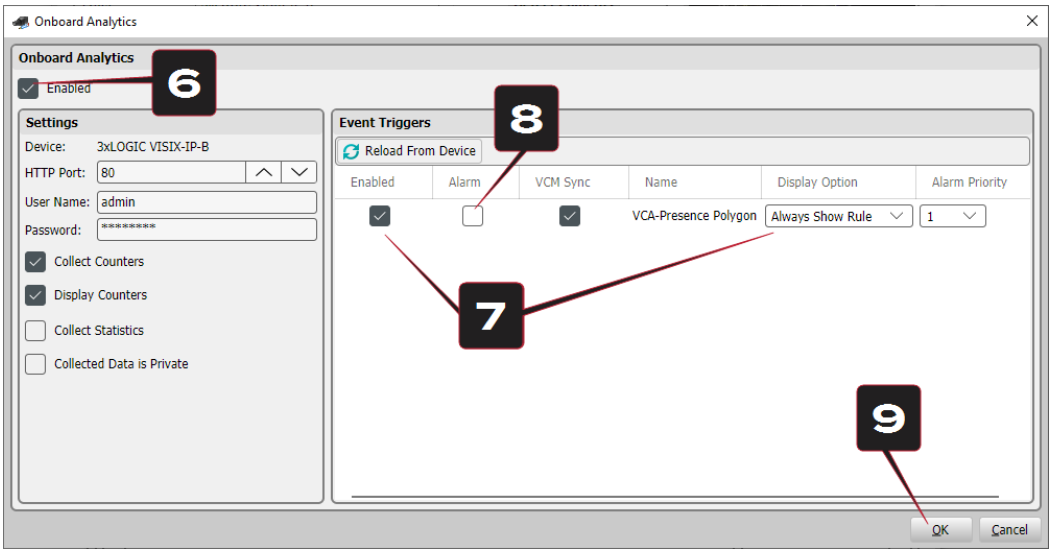
After creating a VCA rule on the camera, the rule must be added to VIGIL Server so that related data can be stored in the VIGIL database. To begin:

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 Settings.**
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.
6. Enable the **On-board Analytics** interface.



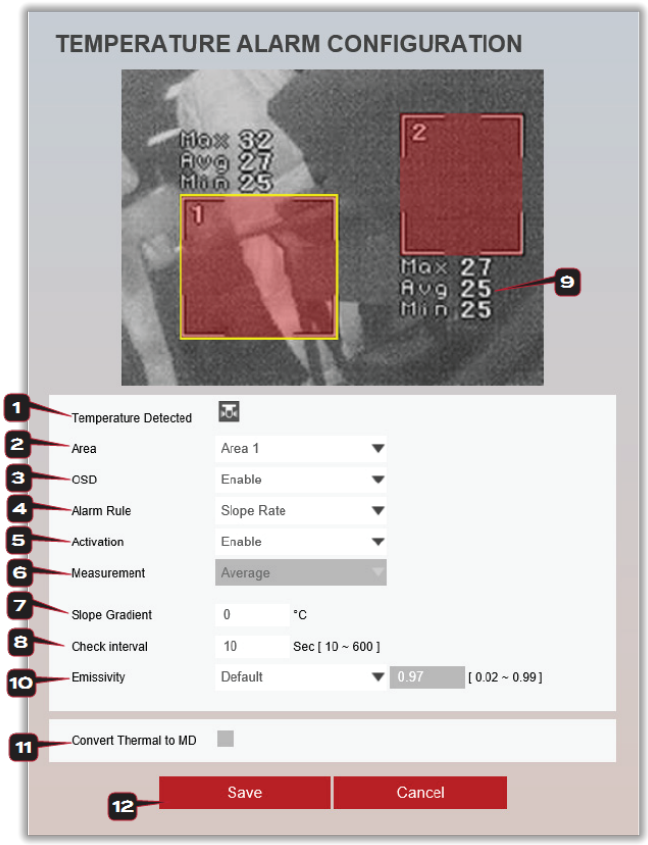
7. Enable the desired rules by toggling the **Enabled** checkbox for each desired rule, under the *Event Trigger* list. Using the provided drop-down for each rule, set **Display Options** *(Never Show Rule, Always Show Rule, Show Rule When Alarmed*) and **Alarm Priority** (alarms can be filtered in VIGIL utlities based on priority level).
8. 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.
9. Click **OK** to save the settings and add the enabled rules to VIGIL Server.



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 TEMPERATURE ALARM EVENT SETUP

The VX-VT-56-DUAL-X camera allows for configuration of either deep-learning VCA rules for use with the camera's traditional sensor ***or*** temperature-based analytics rules for use with the thermal sensor . This section outlines the configuration of the popular temperature monitoring alarm. To configure temperature alarms, login to the camera's browser interface and navigate to **Setup>Events > Thermal Temp Alarm**. See below for descriptions of the different rule configuration values and other available options.



1. **Temperature Detected** - Indicates a Temperature Alarm is activated.

   *The Event Alert Icon ( ) appears if Temperature Alarm is activated.

2. **Area Selection** - There are 8 detection areas available. Area shape is rectangular, other shapes are not supported. In theory the minimum size of the area is single pixel but in practice this is hard to reach due to area drawing method.
3. **OSD** - When enabled, the temperature values are overlayed over the video. Selection is for each area independently.
4. **Alarm Rule** - There are 3 temp detection alarm rules to select for an area:
   a. **Above :** This setting will trigger Thermal Alarm Event when the detected temperature exceeds the value defined in 'Slope Rate'.
   b. **Below :** This setting will trigger Thermal Alarm Event when the detected temperature is below the value defined in 'Slope Rate'.
   c. **Slope Rate :** This setting will trigger alarm when the average area temperature changes the value defined in 'Measurement' faster than the time defined in 'Check Interval'.
5. **Activation** - Enable or disable the selected area.
6. **Measurement** - This selection is not available for Alarm Rule 'Slope Rate'. For the Above or Below rules, the user has the following options :
   a. **Maximum** : The alarm trigger is the highest detected pixel temperature.
   b. **Average** : The alarm trigger is the average temperature of the area. Average calculation identifies the temperature of each pixel in the area and divides the sum by the count of pixels in the area.
   c. **Minimum** : The alarm trigger is the lowest detected pixel temperature.
7. **Slope Gradient** - When Alarm Rule on 'OSD' is set to 'Slope Rate', this field becomes visible. In this field you define the temperature change that, when exceeded within the me set in 'Slope Gradient', will trigger Thermal Alarm Event. Temperature change considers both increasing and decreasing values.

8. **Check Interval** - When Alarm Rule on 'Alarm Rule' is set to 'Slope Rate', this field becomes visible. In this field you define the time window by which the temperature change is measured. When the temperature changes the value of 'Measurement' faster than this value, it will trigger a temperature alarm event.
9. **Alarm Temperature** - When Alarm Rule on 'OSD' is set to 'Above' or 'Below', this field becomes visible. In this field you define the temperature value which is the trigger point for the Alarm rule 'OSD'.
10. **Emissivity** - Different surfaces have different temperature emission values. You need to select the proper material from the dropdown list to increase accuracy. Available options are as below. Custom selection enables the user to set numeric value freely for the following: : Default / Glass, smooth(uncoated) / Limestone / Concrete, rough / Aluminum, anodized / Brick / Paint(including white) / Marble(polished) / Plaster, rough / Asphalt / Paper, roofing or white / Copper, oxidized / Copped, polished / Silver, oxidized / Aluminum foil / Silver, polished / Custom.

    See the table below for surface emissivity info.

Materials	Emissivity	Materials	Emissivity
Water, pure	0.96	Plaster, rough	0.89
Glass (smooth, uncoated)	0.95	Asphalt	0.88
Limestone	0.92	Paper, roofing or white	0.88-0.86
Concrete, rough	0.91	Copper, oxidized	0.87
Aluminium, anodized	0.9	Copper, polished	0.04
Brick	0.9	Silver, oxidized	0.04
Paint (incl. white)	0.9	Aluminium foil	0.03
Marble (polished)	0.89-0.92	Silver, polished	0.02

11. **Convert Thermal to MD** - This selection converts Thermal Alarm Events to ONVIF Motion Detection events, allowing a customer to easily record alarm events to other brands of DVR/NVR and to search for them based on using the motion detection tag.
12. Click '**Save**' to save the current settings.
    *Click 'Cancel' to return to the previous settings screen.
13. If required for your application, be certain to interface the camera's rules with VIGIL Server using VIGIL's on-board analytics rule detection. This will ensure rule data is stored in the VIGIL Server database. For the VX-VT-56-DUAL-X camera, each lens (traditonal and thermal) will be associated with a seperate VIGIL camera channel and maintains its own analytics rules (VCA and thermal). See the latest VIGIL Server user guide for more information on using analytics rules with VIGIL Server.

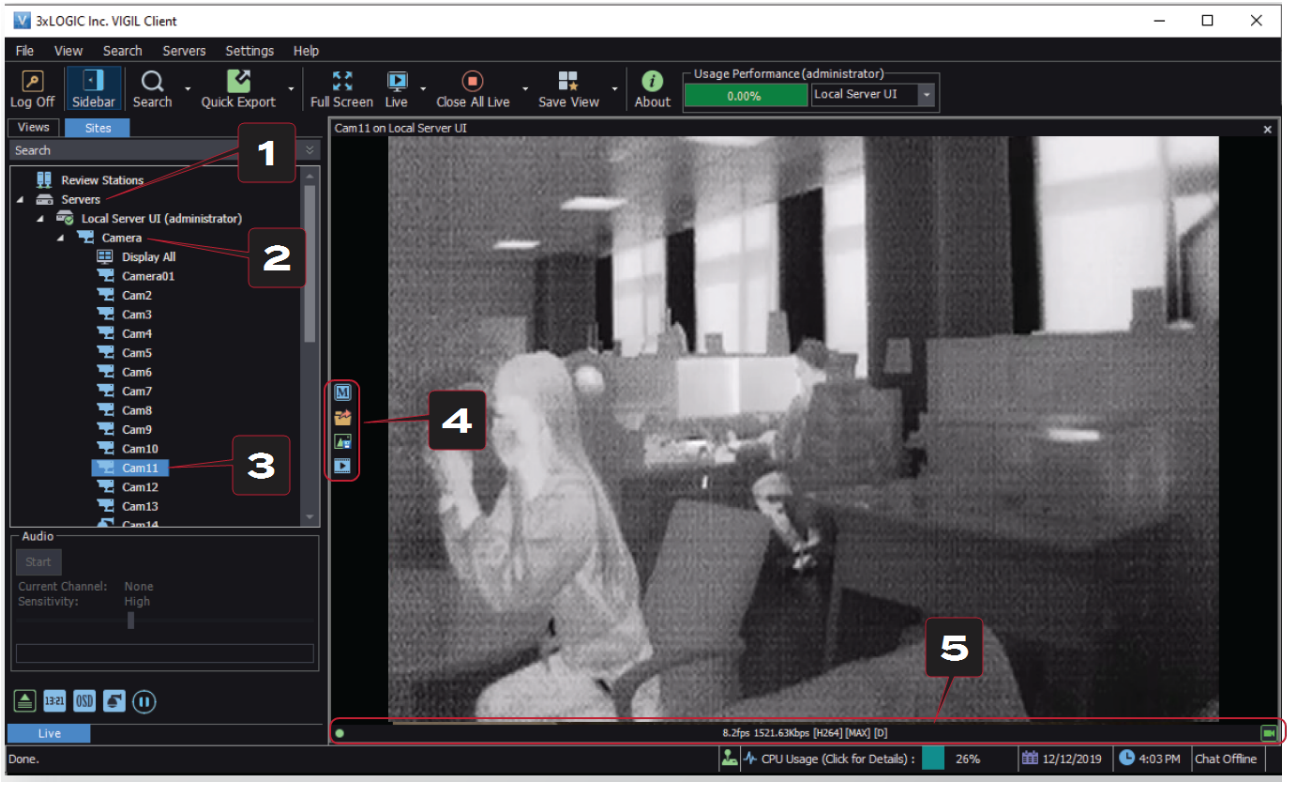
Note: Be sure to run analytics rule detection on VIGIL against the camera channel associated with the sensor (tradtional lens or thermal sensor) on which the desired analytics rules have been configured.

For information on setup of VCA rules and alarms for use with the VX-VT-56-DUAL-X's traditional lens, refer to 3xLOGIC's VISIX VCA Analytics User Guide. For information on thermal-based analytics rules, see the VISIX Gen III User Guide.

7 VIEWING CAMERA IN VIGIL CLIENT

STEP 1: 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 SII 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.

STEP 2: 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.

1. Playback Live-Edge controls include Export Video or Stills, Stream Mode Selection and Screen Record, etc...
2. 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.
4. 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 visist www.3xlogic.com and consult the product documentation library for VIGIL Client-related support documentation.

8 CONTACT INFORMATION

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

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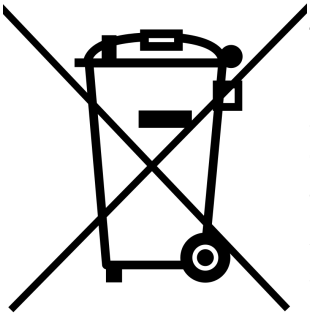
DISPOSAL OF OLD APPLIANCE



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.