

**3xLOGIC**

Elevate Your Surveillance Game with

# **VT-56-DUAL-X**



## VT - 56-DUAL-X

### Elevate Your Surveillance Game with VX-VT-56-DUAL-X: 3xLOGIC's Ultimate Dual Thermal/Visible Light Imager



Dealers and users often encounter fragmented surveillance systems, compromising security and efficiency due to insufficient coverage and analytics. VX-VT-56-DUAL-X, 3xLOGIC's VISIX Dual Thermal/Visible Light Imager, integrates visible light and thermal imaging into one powerful product. It offers edge-based deep learning (EBDL) analytics, streamlined installation, and provides enhanced security and real-time monitoring, revolutionizing surveillance for cost-efficiency and effectiveness.

### Key Features:



#### Dual Image Capability:

Integrates a 5MP, 4mm visible light sensor and a 56 degree field of view (FoV), 320x240 resolution thermal imager in a single housing.



#### Edge Based Deep Learning (EBDL) Analytics:

Enables daytime object detection using visible light sensor, enhancing security surveillance.



#### Advanced Thermal Analytics:

Provides thermal advanced analytics for intrusion detection during nighttime operations.



#### Manual Analytics Selection:

Allows users to switch between daytime or nighttime analytics based on preferences and use cases.



#### Robust Specifications:

Includes 30m IR, Audio and Alarm I/O, True WDR, IP67 and IK10 ratings, and ONVIF Profile S compatibility for a powerful performance.

### Benefits:

#### Competitive Advantage:

By offering a visible light and thermal imager in one housing, dealers can compete effectively in the market. The seamless integration into the VIGIL Suite of Products ensures easy setup and configuration.

#### Streamlined Installation:

Dealers can save time and resources with simplified installation and configuration processes.

#### Cost-Effective Solution:

Enjoy visible light and thermal sensor technologies without separate cameras and cable runs. With VX-VT-56-DUAL-X, get two IP licenses and access to 3xLOGIC's Edge Based Deep Learning Analytics for instant savings.

#### Edge Based Deep Learning Analytics (EBDL) Integration:

Configure EBDL analytics on the visible light camera and integrate into VIGIL Server for event monitoring. EBDL analytics provides advanced detection for persons, objects, and vehicles, ideal for perimeter protection and business intelligence. The thermal imager offers standard thermal analytics for intrusion detection.

#### Enhanced Security:

The VX-VT-56-DUAL-X offers both daytime visible light and nighttime thermal imaging, providing comprehensive protection and verification. Users can manually select daytime or nighttime analytics detection based on preference and use case.

#### Seamless Integration:

Utilize SOC monitoring for both visible light and thermal imagers, including alarm verifying applications such as Immix. Pair with a 3xLOGIC VIGIL NVR-1U-8CH recorder for cost-effective indoor / outdoor protection across various industries.



Use Cases:

The VX-VT-56-DUAL-X provides crucial surveillance solutions across various sectors:



**Retail:**  
Enhances surveillance for storefronts, parking lots, and inventory areas, ensuring precise threat detection day and night. Easy installation and cost-effectiveness make it an ideal choice for retailers.



**Education:**  
Vital for secure learning environments, offering real-time threat monitoring with seamless integration and simplified setup for school campuses, including cafeteria and auditoriums.



**Large Commercial Spaces:**  
Provides tailored surveillance for large commercial spaces, offering perimeter protection, intrusion detection, and advanced analytics for effective threat detection.



**Warehousing:**  
Essential for asset protection for warehouses and distribution centers, providing unmatched surveillance for real-time threat detection, even in challenging environments.



**Data Centers:**  
Advanced surveillance capabilities for protecting infrastructure and sensitive information, with seamless integration ensuring peace of mind for data center operators.



Technical Specifications:

- » CV22 SOC based
- » 5MP (2592 x 1944) Visible Light IP Camera
- » 4mm lens for both visible and thermal
- » Thermal 320 x 240 resolution
- » Thermal Detectable Temp: -40°C to 330°C (-40°F to 626°F)
- » FoV Thermal – H:56°, V: 42°
- » FoV Visible – H:82.3°, V:58.8°
- » IR distance – Up to 30m
- » FPS: 30fps visible, 9fps thermal
- » 120dB WDR
- » H.264, H.265, MJPEG
- » Audio - 1[1.0Vrms, 3K ohm]/1
- » Alarm – 1/1
- » 12VDC and PoE (IEEE 802.3af)
- » Temperature
  - » PoE: -30°C ~ 50°C
  - » DC12V: -40°C ~ 50°C
- » Cold Start - -40°C (12VDC only)
- » IP67/IK9
- » Unified GUI for both thermal and video
- » Daytime Edge Based Deep Learning OR Advanced Analytics Nighttime
- » Two IP licenses included

Temperature Detection Specifications:

**Temperature Detection Above/Below:**  
Generate an event when the temperature is higher/lower than the set threshold.

**Temperature Detection – Slope Rate:**  
Generate an event when the temperature is raising or lowering at a defined ratio and interval.



Analytics – Distance Specifications



Camera Key Features	Human	Vehicle
Detection	250 ft / 75m	325 ft / 100m
Recognition	150 ft / 45m	200 ft / 60m
Identification	50 ft / 15m	70 ft / 20m

Don't miss out on the opportunity to enhance your surveillance offerings and stay ahead of the competition. Contact your Regional Sales Manager today to schedule a demo or place an order.

The logo features the text "3xLOGIC" in a bold, sans-serif font. The "3" and "LOGIC" are white, while the "x" is a vibrant red. The background is a dark, deep red with a subtle hexagonal grid pattern. Three thin white lines extend from the top and bottom towards small white hexagonal markers, creating a sense of depth and connectivity.

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