

# MILESIGHT & NETWORK OPTIX INTEGRATION

Superior Compatibility, Flourishing Eco-system

MILESIGHT

# ARE YOU STILL BOTHERED BY THESE PAIN POINTS?

Are you looking for a solution to **overcome these challenges?**



**Complex Configuration**



**High Labor Cost**



**High Time Cost**



**Data Secure Issues**



**High False Alarm Rate**



**Difficult Maintenance**

# LET'S DISCOVER HOW MILESIGHT CAN STREAMLINE YOUR SURVEILLANCE SYSTEM!



Deep compatibility to simplify deployment



Data security with edge recording and ANR



Efficient alarm management with multiple AI functions



Full product line compatibility to meet diverse needs





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Full Product Line  
Compatibility

# 01

## EASE OF USE

# HOW MILESIGHT DEEP INTEGRATED WITH NX PLATFORM



By **Milesight Unique plugin**, which interprets metadata from Milesight cameras, including events and constant object attributes, enables advanced analytics, action processes, and efficient object search.



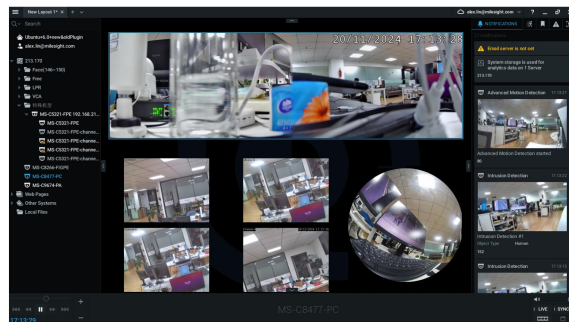
**Plugin updates** will align with Nx's roadmap and new product upgrade schedules.

# EASY MONITORING

You can start monitoring multiple cameras in Nx Client easily.

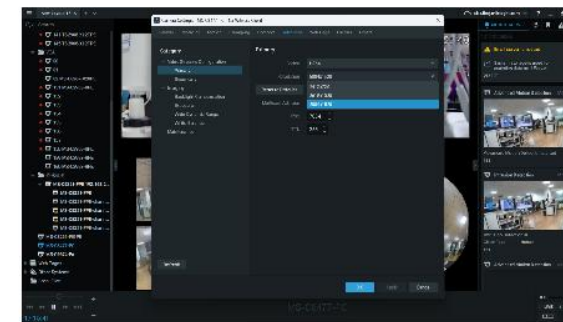
## Liveview & Playback

- High definition image
- Two-way Audio
- Multiple Layout



## Media Configuration

- Quick Configuration
- Integrated Setting Interfaces



**Milesight**

**nx NetworkOptix**  
VIDEO. POWERED.



# EASY MONITORING

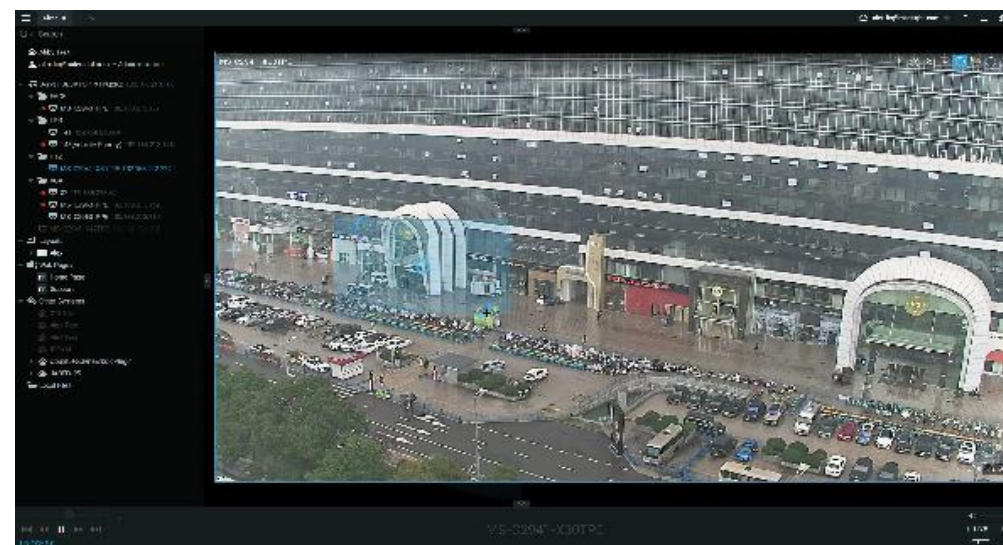
## Standard PTZ



- **Pan/Tilt/Zoom** with Instant Response
- Save and Call the **Preset**
- Event-triggered **Patrol**

## Advanced PTZ

Coming Soon



Hold down the Shift key and drag to select the target area on the screen. This will quickly center and zoom into the selected region for more purposeful camera movement. Compatible with all Milesight PTZ cameras.



# EASY MONITORING

## Fisheye Client-side Dewarping



## Multi-sensor Camera Live View



**\*Only Requires One License**

# EASY CENTRALIZED CONFIGURATION

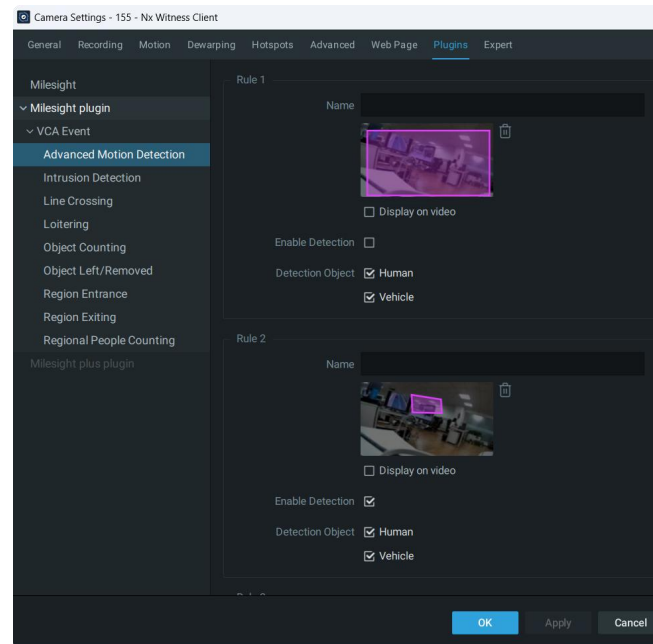
High efficiency edge analytics event rule configuration by **Milesight Plugin**



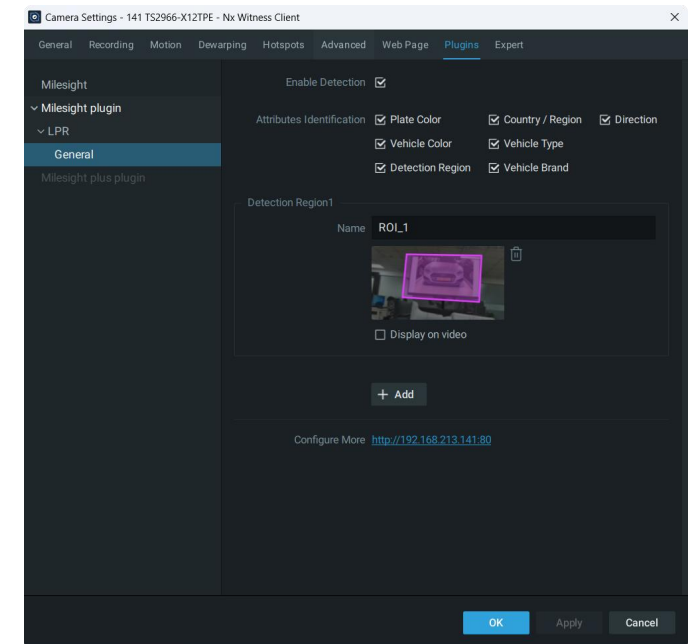
Stop the chaos—**manage all your Milesight cameras in bulk with the Nx Client plugin**, and say goodbye to endless tab-switching and IP hunting..



This seamless integration gives your Milesight & Nx solution a significant edge over the competition.



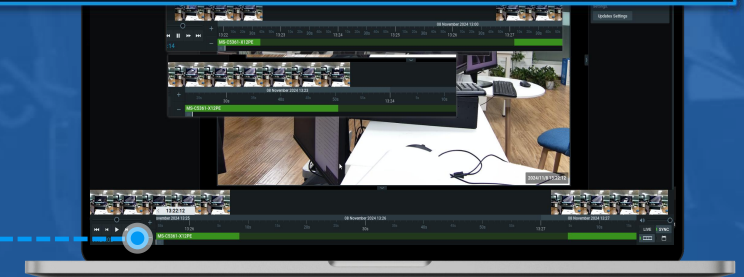
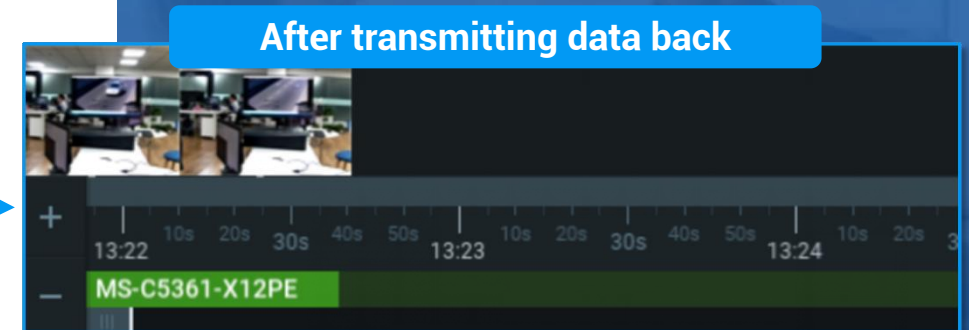
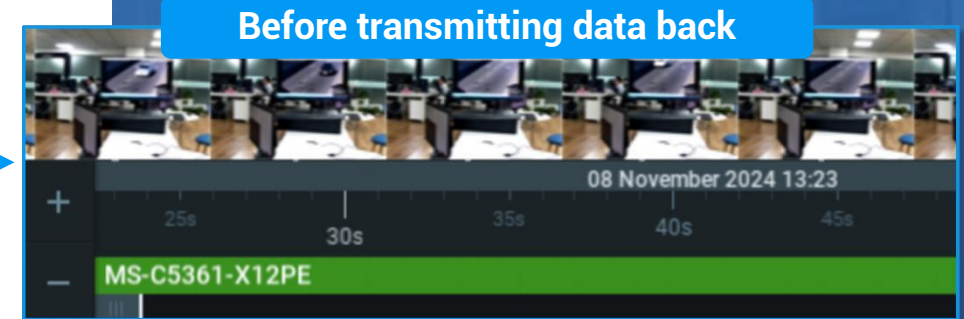
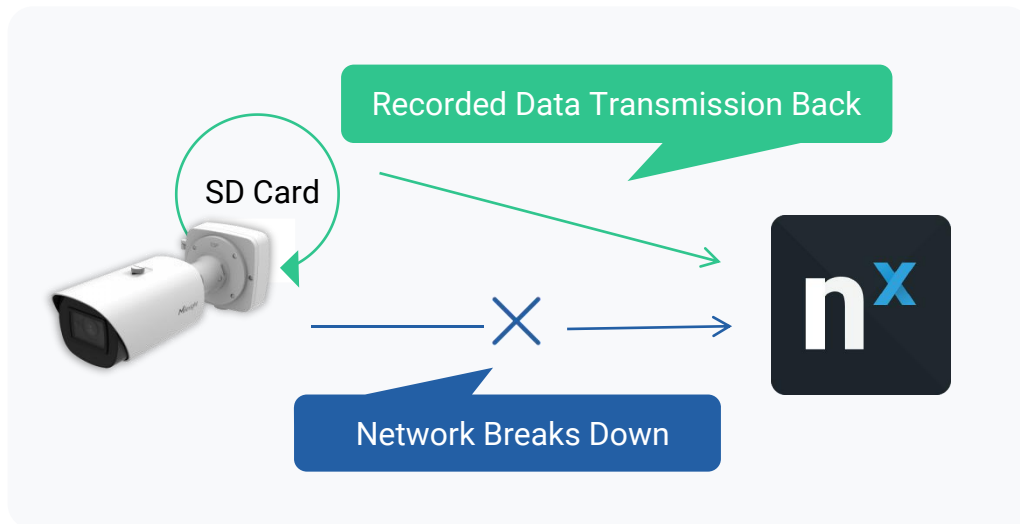
Milesight CCTV Camera



Milesight ANPR Camera

# DATA SECURITY WITH EDGE RECORDING RECOVERY

- You can automatically get recording back from camera's **SD card backup storage** when there is a **disconnection** between camera and Nx server.
- The function **is still in beta version** and will be officially released **with Nx 6.1**





# 02 SMART ALARMS, AI-POWERED

# INTELLIGENT SURVEILLANCE WITH MILESIGHT VCA FUNCTION

Milesight's VCA functionality is deeply integrated and fully compatible with Nx systems, providing users with a suite of intelligent features that elevate security management.



Intelligent Target Classification



Smart Storage Management



Reduced False Alarms



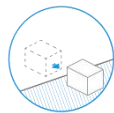
Instant Alert Management



Region Entrance



Region Exiting



Object Left



Advanced Motion Detection



People Counting



Regional People counting



Object Removed



Tamper Detection



Line Crossing



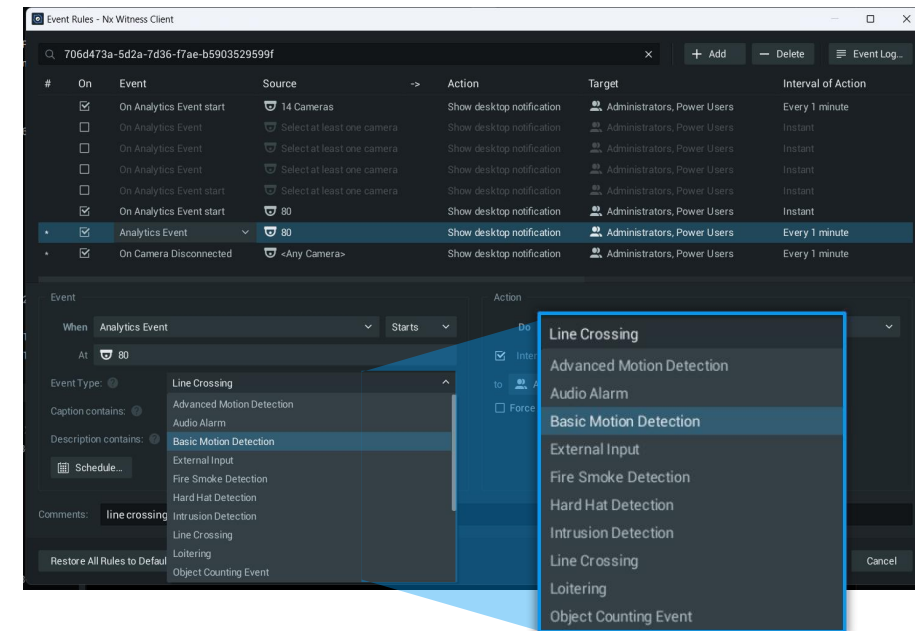
Loitering



Intrusion Detection

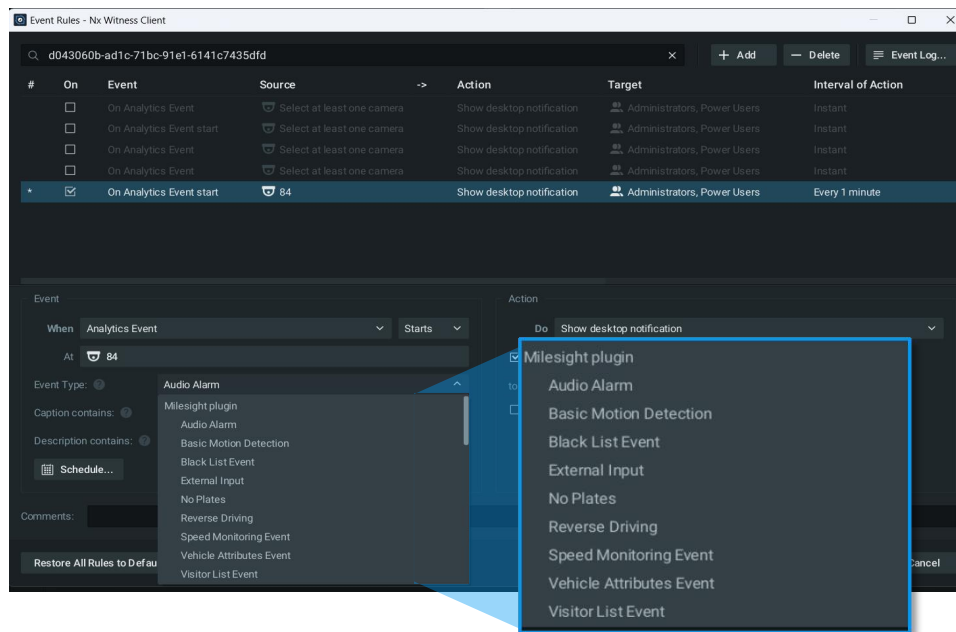


Vehicle Counting



# EFFICIENT TRAFFIC MANAGEMENT WITH ANPR CAMERAS

Milesight's ANPR related functionality is deeply integrated and fully compatible with Nx systems, providing users with a suite of intelligent features that can be applied into traffic management.



## Specific Event Triggers

Set up alerts for specific events like no plate, reverse driving, and speed monitoring and Vehicle attribute events.



Non-Plate Recognition



Reverse Driving



Speed/Direction Detection



Vehicle Type/Color/Plate Color Recognition

Vehicles on managed white, black, or visitor lists trigger automatic events upon entry, simplifying oversight.



White List Management



Black List Management



Visitor List Management



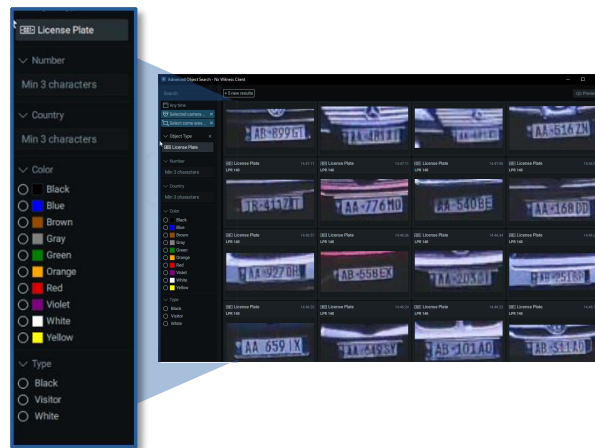
# EFFICIENT DATA RETRIEVAL WITH ATTRIBUTE SEARCH

With Milesight hosted Plugin, alarm on object with specific feature can be implemented, users can quickly search for specific events **based on object attributes**.



## License Plate Attribute Recognition

Number/Type/Color/Country



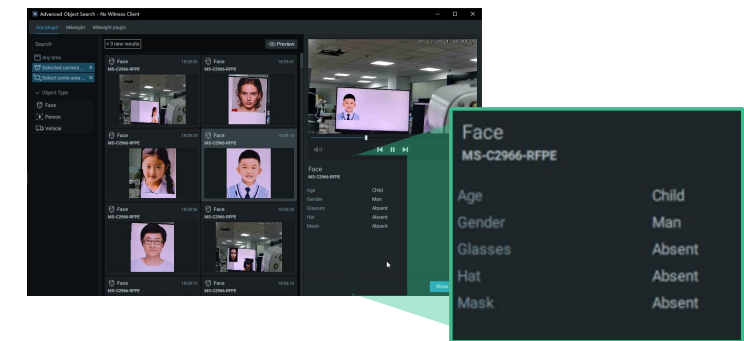
## Vehicle Attribute Recognition

Type/Color/Brand



## Face Attribute Recognition

Gender/Age/mask/Cap/Glasses



# 03 NX EMBEDDED PRODUCTS

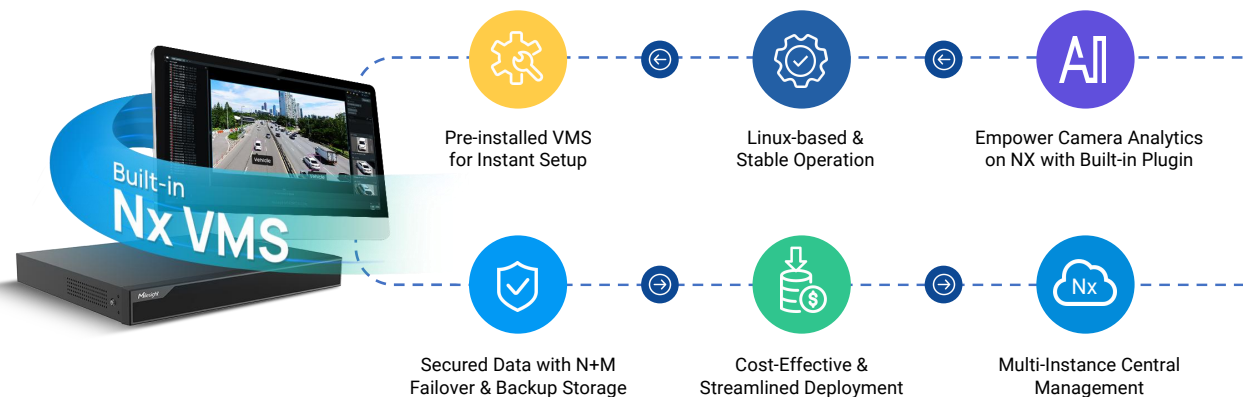
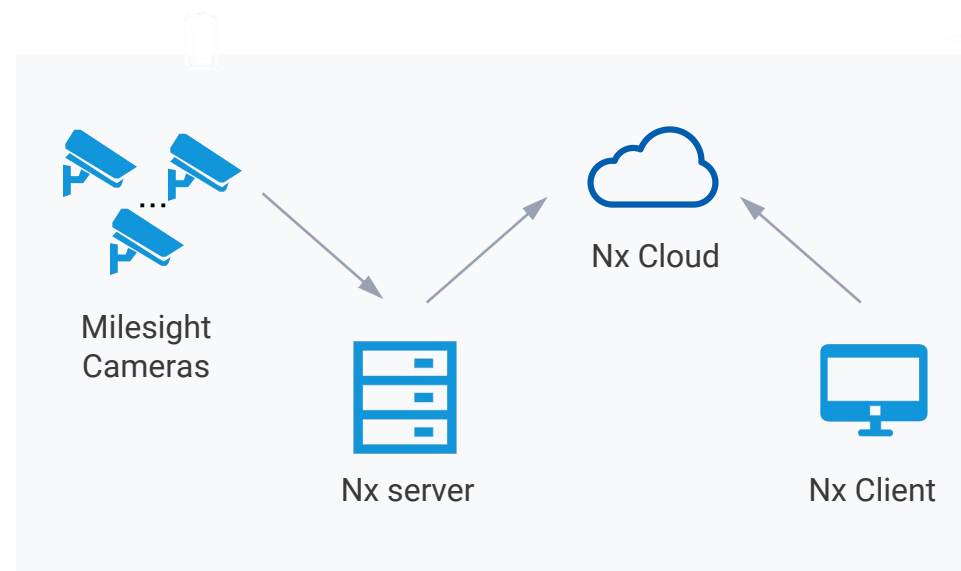
# MILESIGHT OPENVISION SERVER

Available!

Milesight | nx Network Optix

## Ready-to-go for Easy Installation

Milesight Openvision Server is a pre-configured surveillance platform that embeds Nx VMS into optimized hardware, offering instant deployment and centralized management for reliable video monitoring.



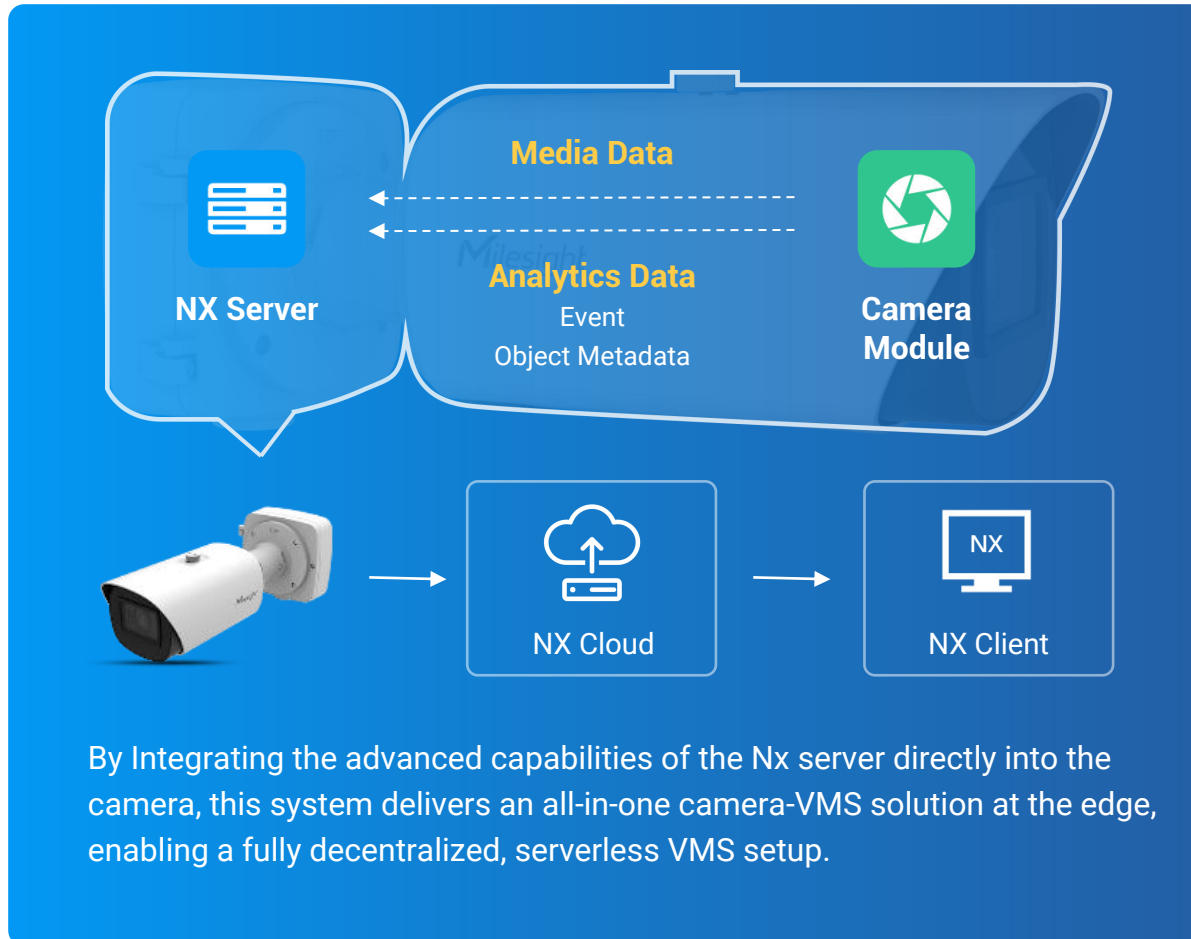
### Model Name: VE0201-A-K/Nx

System	linux, Ubuntu22.04	Recording channels	Up to 16CH
Analytics Plugin	Milesight Latest Plugin	Processor	Intel 2.0GHz Celeron Series
Recording Biterate	Up to 16Mbps/Channel	Storage	Up to 2* SATA HDD(3.5"), Up to 20TB per HDD
Recording Resolution	Up to 12MP	Ethernet Port	2*1000Mbps LAN



# MILESIGHT OPENVISION CAMERA

Serverless, Cost-Efficiency, Security, and Stability



## Highlights

- A complete **Nx Server built into** the camera
- **Server-free design**, with all functions housed within the camera.
- **Built-in Milesight plugin** enables advanced analytics event and metadata functionalities for Milesight cameras.
- **Direct to Nx cloud** and can **be merged** as a system

## Available Camera Choices



Milesight OpenVision Bullet Camera



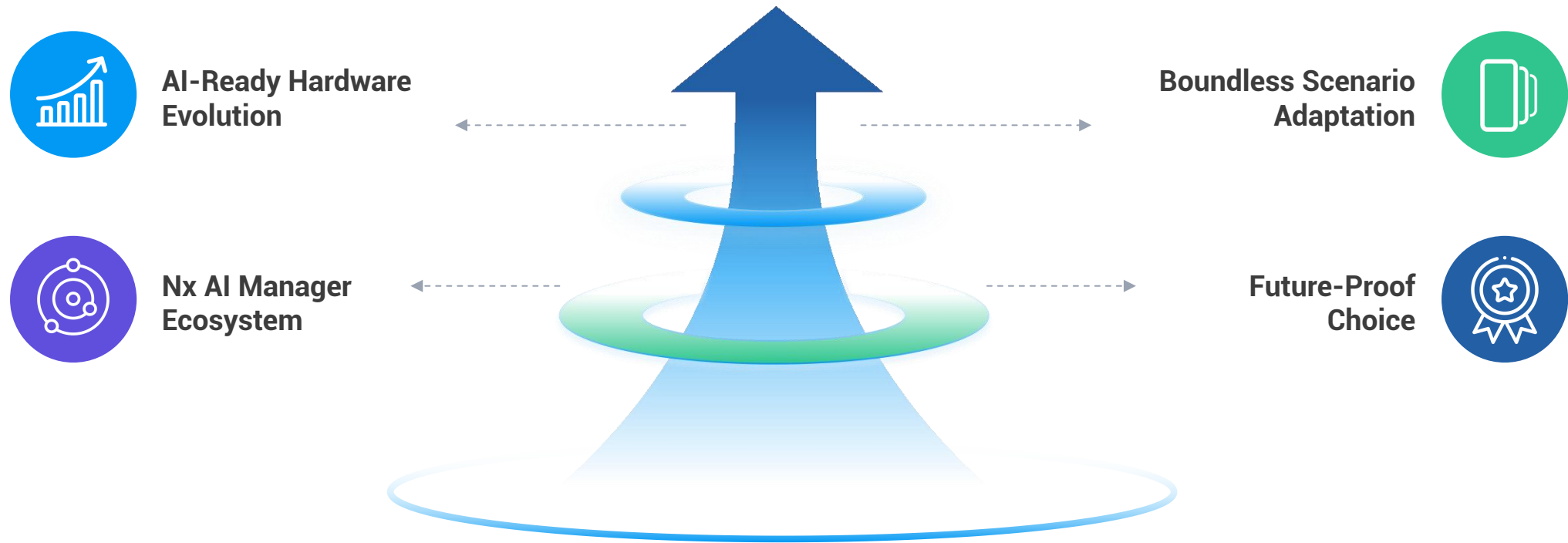
Milesight OpenVision Dome Camera

- **5MP**
- **1/2.8"** STARVIS2 Starlight Pro CMOS Sensor
- Motorized **2.7~13.5mm** P-Iris Len
- AI Performance **up to 2.7 Tops**
- NDAA & **TPM 2.0** Cybersecurity
- Supports **1TB** of storage

## Supported Micro SD Cards List

No.	Brand	Model
1	Kingston	512GB CANVAS Go! Plus A2 U3
2	Kingston	1TB CANVAS Go! Plus A2 U3
3	Lexar	512GB SILVER Plus A2 U3 V30
4	Lexar	1TB SILVER Plus A2 U3 V30
5	Samsung	512GB PRO Plus A2 U3 V30
6	Samsung	1TB PRO Plus A2 U3 V30
7	Samsung	512GB Pro Ultimate A2 U3 V30

# LOOKING AHEAD: PREPARING FOR AI MANAGER



# 04 FULL PRODUCT LINE COMPATIBILITY



# FULL PRODUCT LINE COMPATIBILITY



## Product lineup



Security Camera



4G Solar-Powered Series



Intelligent Traffic



OpenVision Series



## High Quality Image



- 2MP/5MP/4K/12MP
- 60fps/90fps/100fps
- 0.001Lux Ultra Low-light
- 140dB WDR
- Milesight-AI ISP



## Unique Design for Easier Installation



3-Axis Design



Panel Bracket









Integrated Junction Box



Clamshell Design

# MAIN SERIES COMPATIBILITY

Models	Functions	Liveview Playback	Two-Way Audio*	Media Configuration	PTZ	Event Config on Plugin	Event & Action	Object Search
	Mini Series	✓	✓	✓	/	✓	✓	✓
	Pro Series	✓	✓	✓	/	✓	✓	✓
	PTZ Series	✓	✓	✓	✓	✓	✓	✓
	360° Fisheye	✓	✓	✓	/	Pending	✓	✓
	180° Panoramic Dome/Bullet	✓	✓	✓	/	✓	✓	✓
	Dual- sensor	✓	✓	✓	/	✓	✓	✓
	Multi- sensor	✓	✓	✓	/	✓	✓	✓
	4G Solar-powered Kit	✓	✓	✓	/	✓	✓	✓
	Intelligent Traffic	✓	✓	✓	✓	✓	✓	✓

# BEYOND CAMERAS: IOT × NX FUSION

Dimensions of new technologies in the future (IoT)



## Make Sensing Matter

- Integrates visual data with other dimensional inputs.
- Provides a complete picture through multi-faceted data fusion.



## Seamless Integration

- Based on Nx platform API and IoT API
- Offers mature and stable solutions



## Unified Management

- Single pane of glass interface for centralized control
- Simplifies operations and boosts management efficiency



## Broad Application Scenarios

- Customizable for smart city and smart building sectors
- Delivers tailored solutions for diverse needs



# RELIABLE MAINTENANCE SUPPORT



## Nx Partnership Assurance



**Plugin updates** will align with Nx's roadmap and new product upgrade schedules.



## Centralized Firmware Retrieval Portal

Get latest versions through:

### Official website portal

<https://www.milesight.com/support/download/software>

### Google Drive access

[https://drive.google.com/drive/folders/1vEThJRwok\\_LInpVKskH0UNawg-u2W1cX](https://drive.google.com/drive/folders/1vEThJRwok_LInpVKskH0UNawg-u2W1cX)



*Milesight*

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