



Milesight Release Note for Intelligent Traffic Camera

Firmware Version: T_61.8.0.4-r5

Applicable Model: MS-Cxxxx-xLxE / TSxxxx-xxxE

Release Date: 16th January, 2026

1. Overview

Milesight offers a variety of sensor products designed to capture meaningful data. By innovatively applying AI, 5G, and IoT technologies, Milesight significantly impacts various applications. The company manufactures products with exceptional image quality, unparalleled flexibility, and reliability for the global market. Milesight is pleased to announce the release of the new firmware version T_61.8.0.4-r5 for its Intelligent Traffic Camera.

In this version, we have optimized **Profile G** and enhanced **compatibility** with platforms like Network Optix, Genetec, and Milestone. **MQTT TLS** has been added for secure connectivity, and Entrance & Exit recognition has been refined for MS-Cxxxx-xLxE models.

Algorithm enhancements and bug fixes have been implemented for **over 20 regions**. Additionally, the user experience has been improved with faster **PTZ focusing** and optimized LPR logic during PTZ operations. The **Smart Search** export limit has also been increased to 20,000 records.

2. Firmware Version Download

For the firmware version, please click the following link to download:

<https://www.milesight.com/support/resources/firmware#intelligent-traffic>

3. What's new

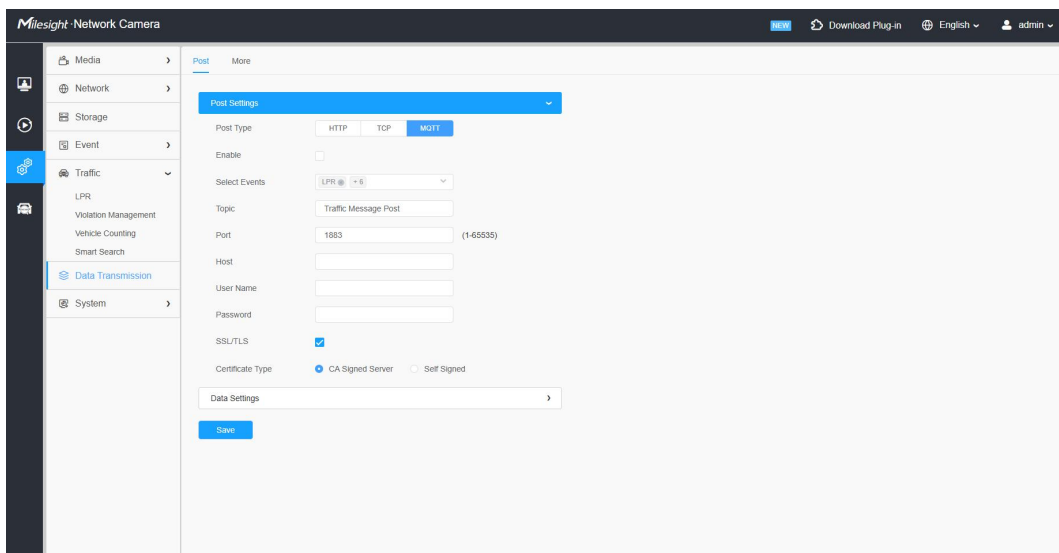
3.1 New Features

1) Optimized User Experience and PTZ Interaction

Refined multiple UI components to provide a smoother and more intuitive interactive experience. Key updates include the addition of the "Call Preset" function within preset settings and a significant optimization of PTZ focusing speed for near-instant image clarity.

2) MQTT Security Enhancement

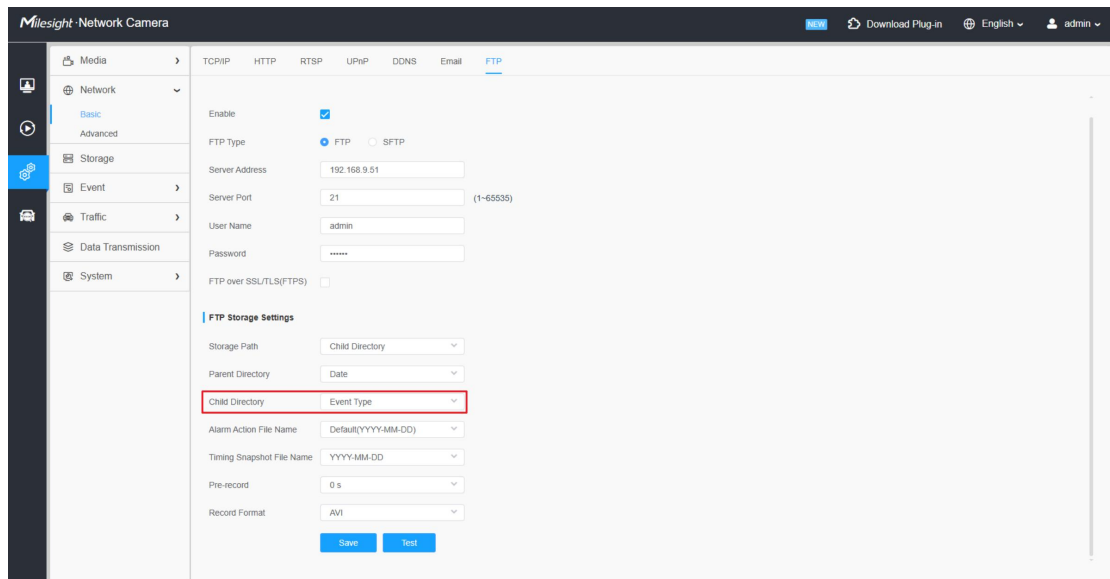
Added TLS (Transport Layer Security) support for MQTT, ensuring that all data transmitted between the device and the broker is encrypted and protected against interception.



3) Event-Based FTP Path Customization

FTP storage logic has been optimized to allow snapshots and video recordings

to be categorized into specific paths based on event types, facilitating more organized data archiving and retrieval.



3.2 Optimization

1) Profile G Optimization and Enhanced Platform Compatibility

Optimized Profile G implementation to improve edge storage management and retrieval. Additionally, overall compatibility has been enhanced for a wide range of platforms, including Network Optix, 3dEYE, Artec, Genetec, ExacqVision, Milestone, Camcloud, Zatpark, Luxriot, and Obseron.

2) Multi-Region Algorithm Enhancements and Bug Fixes

Implemented targeted algorithm improvements and bug fixes for over 20 regions, including Malaysia, Belgium, Indonesia, Australia, Czech Republic, Europe, Kuwait, Middle East, Vietnam, New Zealand, Thailand, UK, Japan, Ukraine, Colombia, Philippines, Peru, Israel, Germany, Hungary, Nigeria, Iran,

and Mongolia.

3) PTZ Operational Logic Refinement for LPR

To ensure system stability and focus on target accuracy, LPR recognition will now be automatically disabled while the PTZ camera is in Patrol or Calling Preset status.

4) Expanded Smart Search Export Limit

The Smart Search export capacity has been upgraded from a maximum of 8,000 to 20,000 records, allowing users to handle larger datasets and more extensive historical logs.

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