



Milesight Release Note for Intelligent Traffic Camera

Firmware Version: T_61.8.0.5

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

Release Date: 31th July, 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_61.8.0.5 for its Intelligent Traffic Camera.

In this version, we have expanded our traffic intelligence portfolio with flexible **XML data transmission** formats. Connectivity and security have been significantly upgraded with **LLDP protocol** support, Secure **Email password recovery**, and real-payload HTTP Post testing. Additionally, we have enhanced ecosystem compatibility across major third-party platforms.

2. Firmware Version Download

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

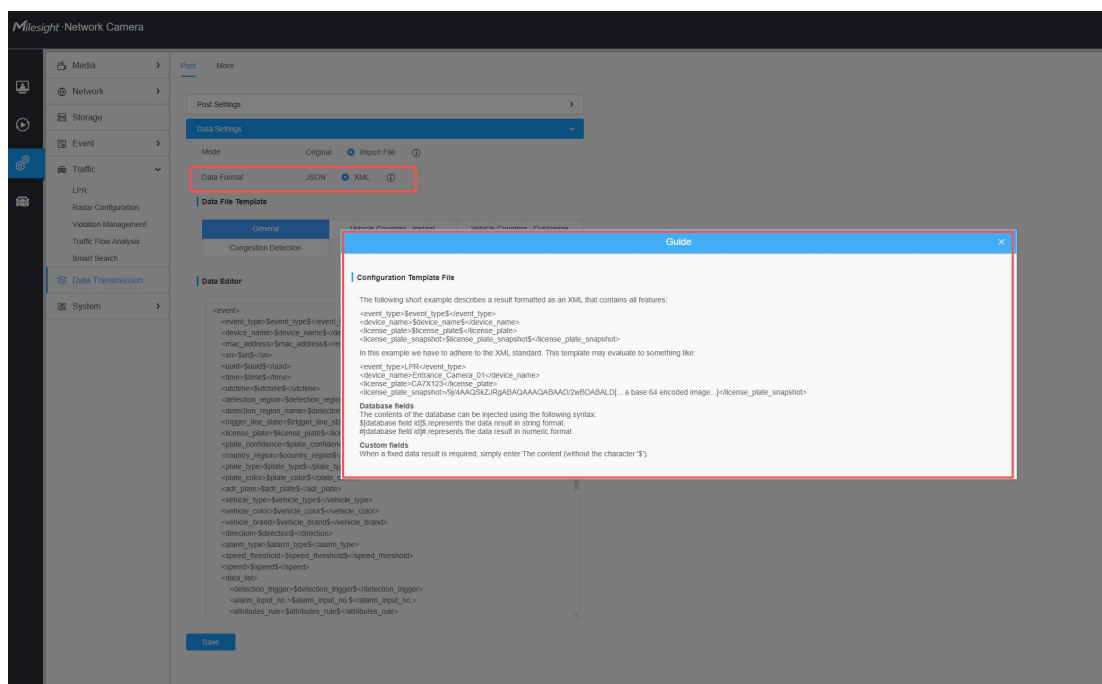
<https://www.milesight.com/support/resources/firmware#intelligent-traffic>

3. What's new

3.1 New Features

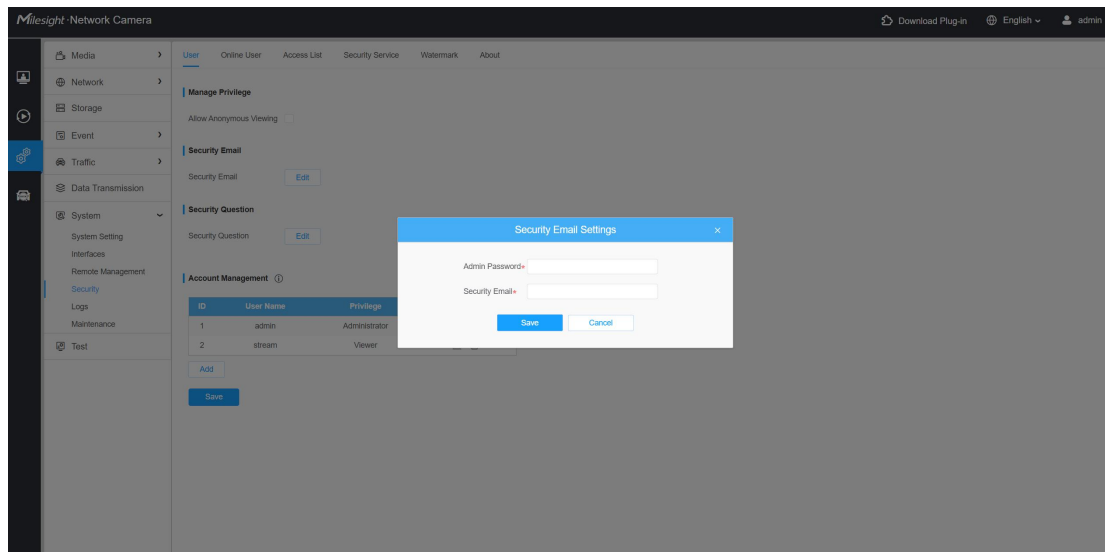
1) XML Data Transmission Format Support

Added XML format support in Data Transmission settings alongside JSON, providing customizable XML templates for general LPR events and vehicle counting.



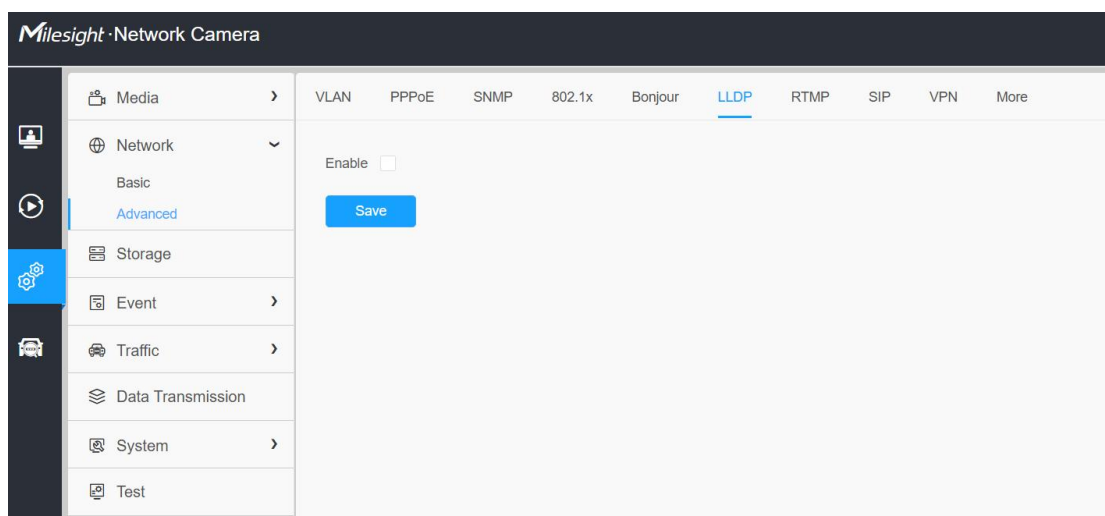
2) Password Reset via Secure Email

Added a Secure Email password recovery method, allowing users to pre-configure a recovery email and reset forgotten passwords via a time-sensitive verification code without returning the device to factory defaults.



3) LLDP Protocol Support

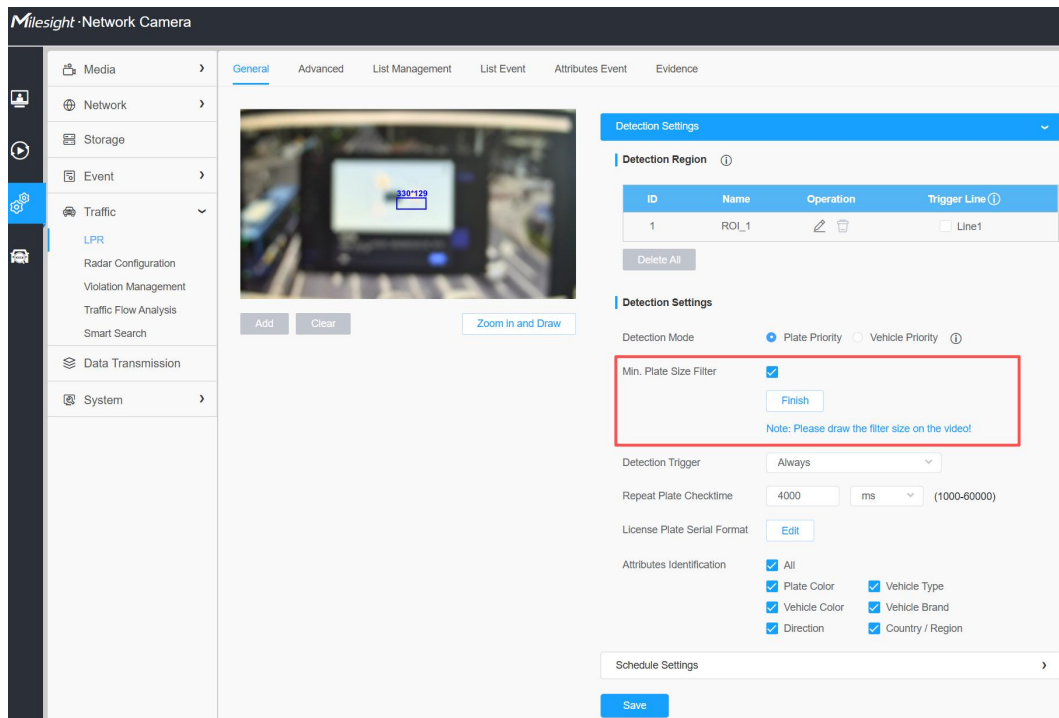
Added LLDP (Link Layer Discovery Protocol) support for Radar, Supplement Light, and Speed Dome models, enabling cameras to automatically announce device identity and capabilities to network switches for simplified deployment.



3.2 Optimization

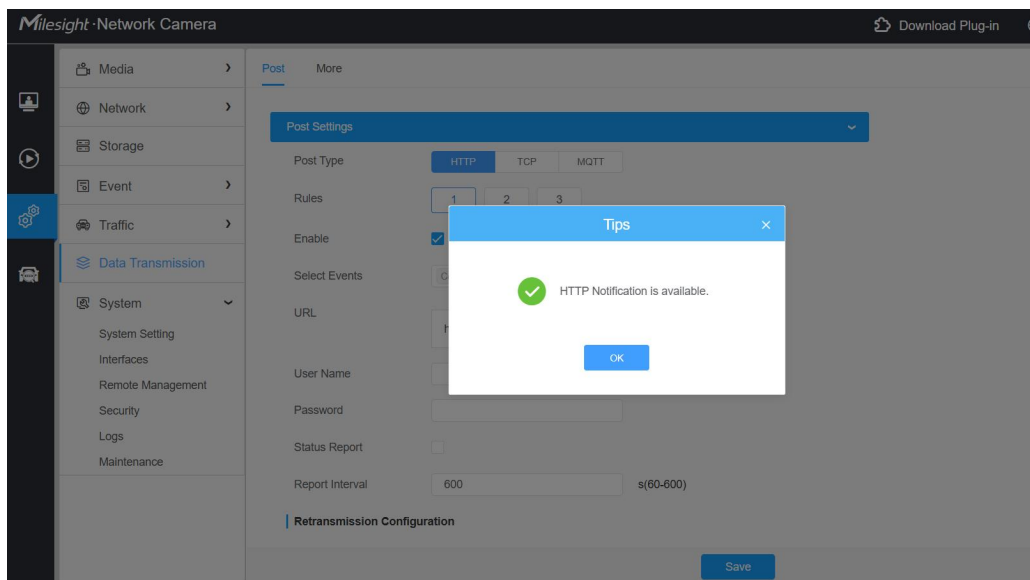
1) Real-Time Pixel Display for Min. Plate Size Filter

Added real-time pixel size display (Width x Height) directly on the Min. Plate Size Filter bounding box during editing, allowing precise spatial calibration for license plate recognition.



2) Real-Payload HTTP Post Test

Optimized the HTTP Post Test function to transmit actual configured XML/JSON payloads (with event_type automatically set to "Test") instead of basic ping checks, ensuring full protocol and server-side verification.



3) Input Field Validation and Exceeded-Length Warnings

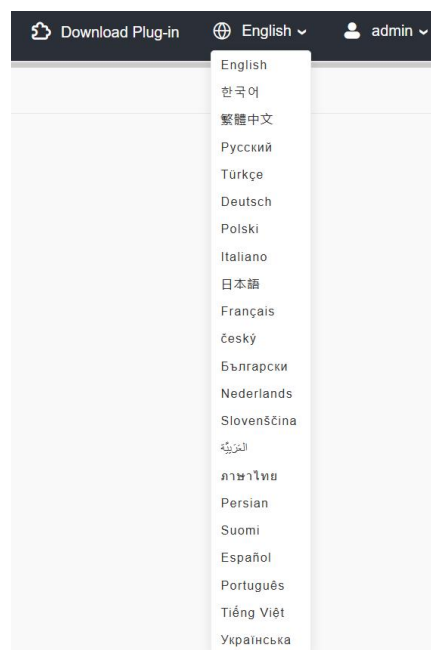
Optimized interactive validation for all text input fields to prevent silent text

truncation, displaying explicit warning messages with exact character limits (e.g., "Maximum input length: n characters.") when inputs exceed limits.

The screenshot shows a web form with two sections. The top section has an 'Admin Password*' field containing 64 '1's, with a red warning box below it stating 'Maximum input length: 64 characters.' Below this is a 'User Level' dropdown menu. The bottom section is titled 'Video Title' and contains a 'Show Video Title' checkbox, a text input field with the string 'R%&.....*& (* () OIJHGFRETY', and a 'Text Position' dropdown menu. A red warning box points to the text input field, stating 'Invalid characters in: \":?\">|%'.

4) Comprehensive Multi-Language Localization Expansion

Optimized UI language coverage across 22+ languages to eliminate mixed-language interfaces, updated all new feature translations, and removed Simplified Chinese from the language selection.



5) WDRX Image Fusion Performance Optimization

Optimized WDRX (Wide Dynamic Range X) image fusion algorithms to improve dynamic range handling, enhance detail preservation in high-contrast zones, and ensure consistent image quality across security scenarios.

3.3 Algorithm

1) Metadata Field Extensions

Added Plate Confidence score, ADR (Automatic Driver Recognition) image payload, and target Class category fields to metadata outputs for third-party platform filtering. Included support for Base64 image encoding in metadata pushes with an independent toggle switch for Genetec VSaaS.

2) Third-Party VMS & Platform Integration Optimizations

Optimized third-party ecosystem compatibility across Camcloud, ONVIF, Network Optix (NX), Milestone, Exacq, AxxonNet, QNAP, Geutebruck, and Axxon.

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