Milesight

Milesight Release Note for Intelligent Traffic Camera

Firmware Version: T_61.8.0.4

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

Release Date: 30th October, 2024

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 for its Intelligent Traffic Camera.

In this version, we have introduced a new **driving direction alarm** feature, added support for **configuring Post to push different event data**, and included **speed control based on vehicle type** in the radar model. Additionally, we have **streamlined image configuration and enhanced scene adaptability**, as well as **optimized the settings for license plate serial formats**.

2. Firmware Version Download

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

https://www.milesight.com/support/download/firmware#lpr-camera
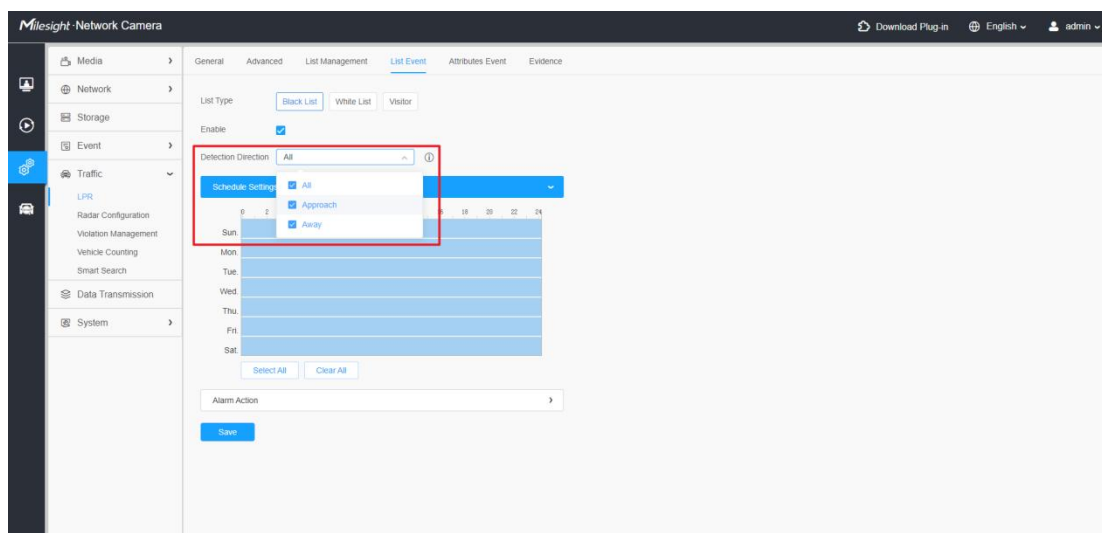
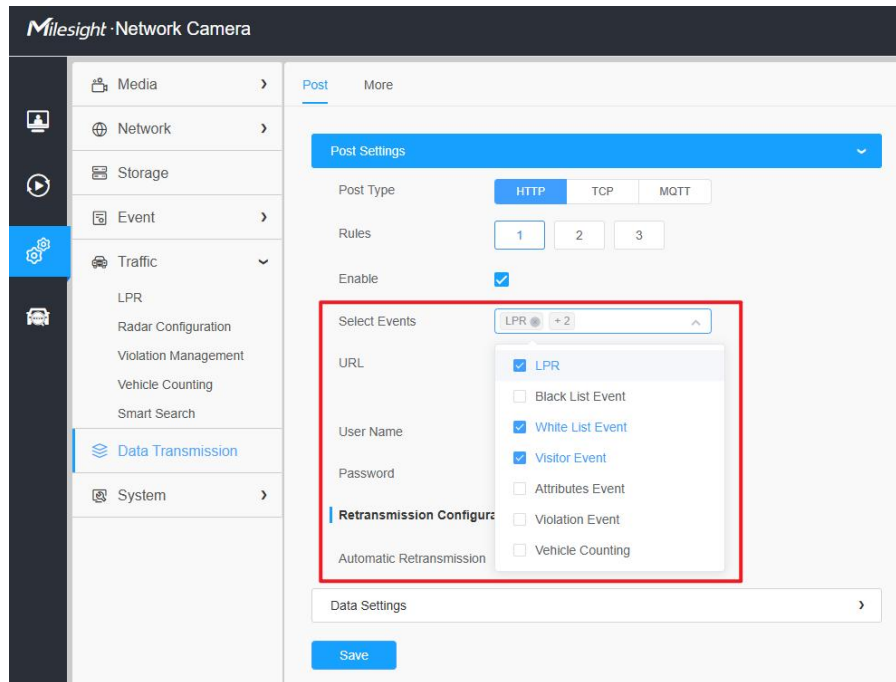# 3. What's new

3.1 New Features

1) List Event Adds New Driving Direction Alarm Feature

List Event now includes an optional driving direction alarm, allowing users to monitor and receive alerts based on the vehicle's movement direction. Options include All/Approach/Away, enabling users to create more precise and targeted alarm filters. This helps to adjust the system to meet specific operational and safety requirements.
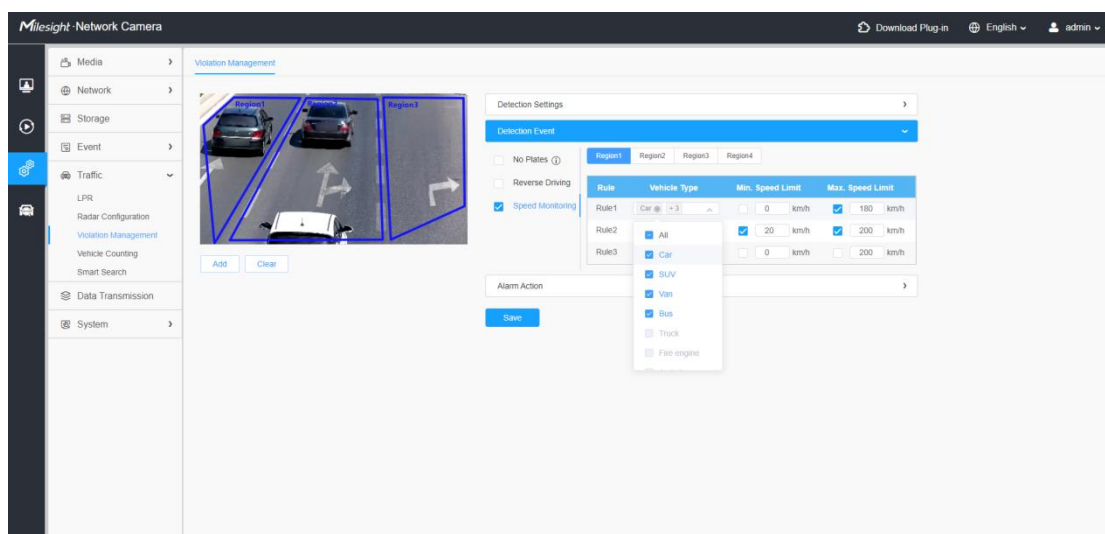

2) Added Support for Configuring Post to Push Different Event Data

Newly added support for configuring Post to push different event data to distinct addresses. This feature enables the separation and dispatch of various types of event data, facilitating individual analysis and handling, thus achieving more refined management and control.

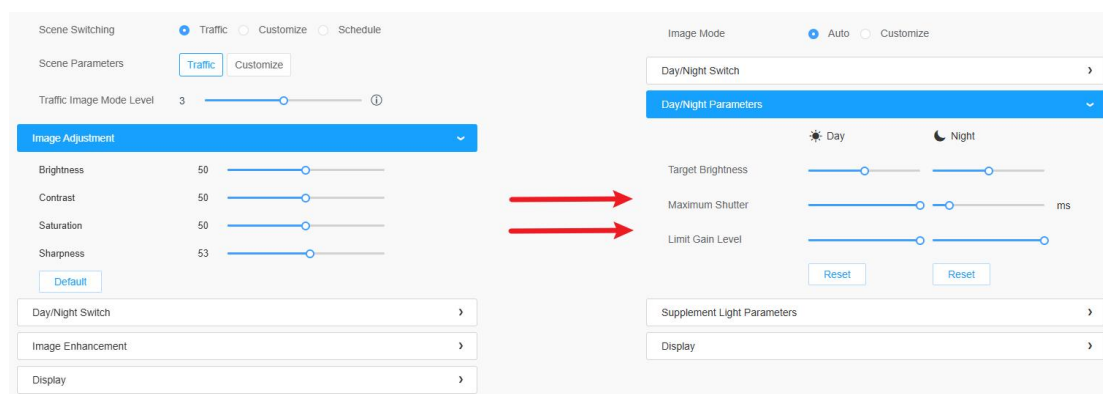## 3) Added Support for Speed Control Based on Vehicle Type (Radar Model)

The radar model now includes support for speed limits based on vehicle type, which can be used to manage speed restrictions across various vehicle types. This ensures that all vehicle types comply with road traffic regulations and safety standards, safeguarding road safety. Moreover, reasonable speed limits can help alleviate traffic congestion.

3.2 Optimization

1) **Major Optimization: Streamlined Image Configuration and Enhanced Scene Adaptability**

❖ In this version, we have focused on optimizing image parameters to adapt them to different scene models. By eliminating some redundancies and simplifying user configuration operations, we have improved usability. For example, we have significantly simplified image adjustment-related parameters and reduced control parameters that might affect license plate recognition, shifting to intelligent adjustments instead. This fundamentally enhances the adaptability and quality of images across various scenes, increases the likelihood of capturing better license plate images, improves the stability of image quality, and enhances the overall user experience.
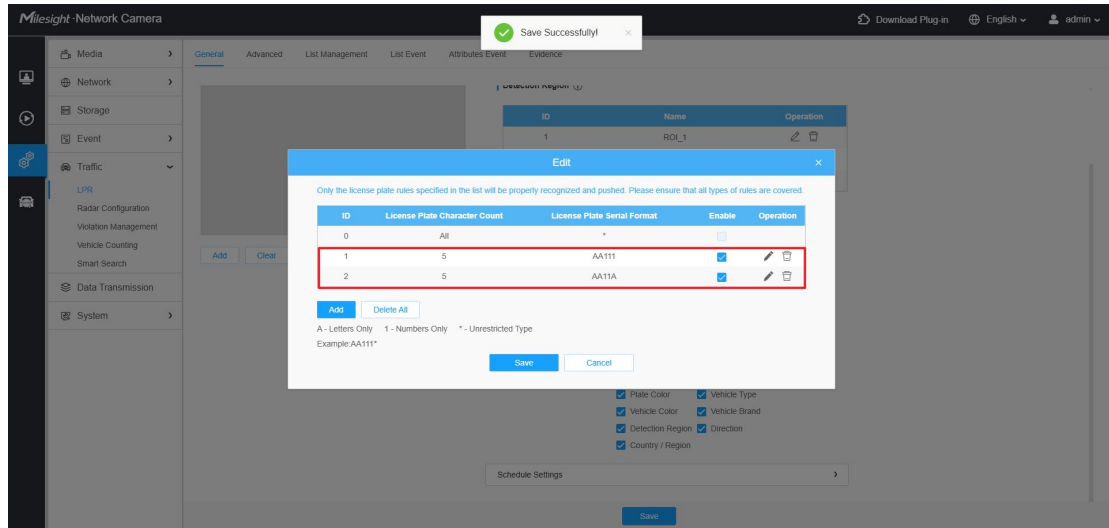

2) Optimized the Settings for License Plate Serial Formats

❖ Optimize the digit rules for the License Plate Serial Format, allowing the configuration of different License Plate Serial Formats for license plates with the same digit length to meet various license plate requirements and

ensure compliance with the regulations and standards of different regions.

Please fill in as many different rules as possible to help the algorithm better

recognize and process.

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