Milesight Release Note for

Solar-powered Camera

Firmware Version: 52.8.0.4-r4

Applicable Model: SP111

Release Date: 23th April, 2025

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 52.8.0.4-r4 for its Solar-powered Camera.

In this version, **Wi-Fi STA** mode has been added to support deployments using wireless network access.

For the **Security** version, **SIP** functionality is now supported, and the **Object Left** algorithm has been optimized with the removal of the minimum time setting.

For the **ANPR** version, two new event fields confidence_int and motion_direction are now available for push notifications, enabling more detailed event data.

Compatibility has been improved with multiple platforms, including Nx, Arteco, 3dEYE, Camcloud, and Immix.

2. Firmware Version Download

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

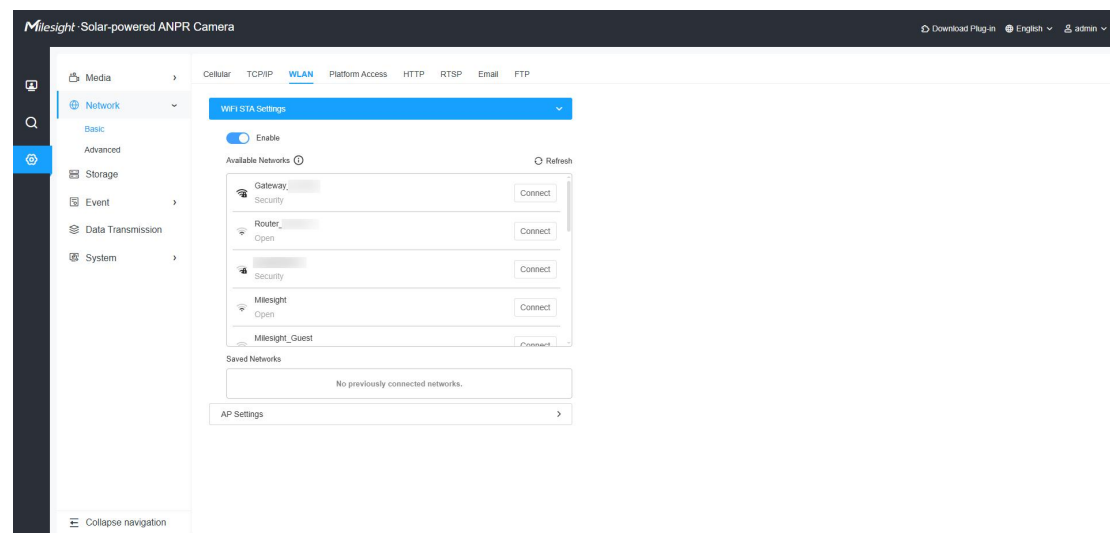https://www.milesight.com/support/download/firmware#camera

3. What's new

3.1 New Features

1) Add Wi-Fi STA Mode

❖ Wi-Fi STA (Station) mode is now supported, allowing flexible deployment in environments where Wi-Fi is available. This provides a reliable alternative to 4G connections, helping reduce data costs and improve connection stability in applicable scenarios.

2) Add SIP Function (Security Version)

❖ The Security version now supports SIP (Session Initiation Protocol), allowing integration with VoIP systems for two-way audio and call triggering.
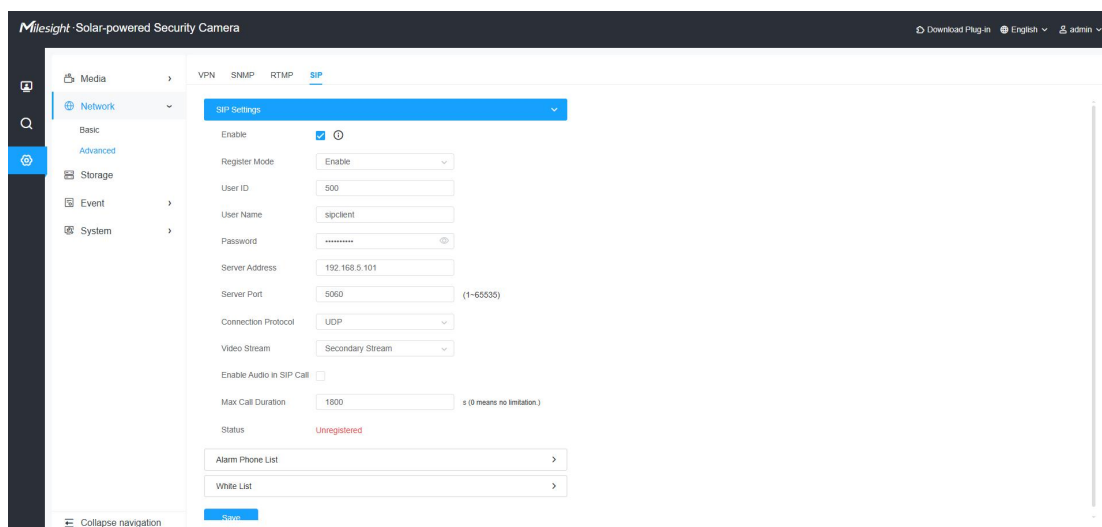
3) Add Push Fields: confidence_int and motion_direction (ANPR Version)

❖ Event push notifications in the ANPR version now include **confidence_int** and **motion_direction** fields.

3.2 Optimization

1) Optimize Object Left Algorithm (Security Version)

❖ A newly designed Object Left detection algorithm has been introduced, featuring a fundamentally improved logic structure. The upgrade significantly enhances detection accuracy while reducing false alarms. Additionally, the "Min. Time" setting has been removed to simplify configuration and improve overall usability.

2) Compatibility Optimization

❖ Enhanced integration and performance with third-party platforms including

Nx, Arteco, 3dEYE, Camcloud, and Immix.

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