How to Integrate Milesight's VS133-P Device into the Xenometric Platform

Version Change Log			
Version	Revision Date	Revision Details	Revised By
V1.0	20250421	Initial	Lockon

Preface

Xenometric is a professional platform focused on people counting and footfall analysis, widely used in scenarios such as retail, commercial complexes, transportation hubs, and public buildings. The platform can integrate data from a variety of sensors (such as thermal cameras, LiDAR, infrared devices, etc.) and uses intelligent algorithms to process and analyze this data in real-time. It provides key operational metrics such as footfall volume, entry/exit ratios, dwell time, and area heatmaps. Users can access historical data, generate visual reports, and conduct multi-dimensional trend analysis through Xenometric's web-based management interface or API, helping businesses optimize human resource allocation, space layout, and marketing strategies.

In terms of deployment, Xenometric offers a variety of flexible options to meet the needs of different types of customers. It can be installed on local enterprise servers (On-Premise), which is suitable for organizations with high data security requirements. It can also be deployed in private cloud environments owned by customers or via public cloud SaaS mode for quick deployment and zero maintenance. For scenarios that require both local control and cloud computing capabilities, a hybrid deployment model is supported. These diverse deployment options provide Xenometric with high adaptability and scalability in real-world implementations.

This document mainly demonstrates how to integrate the VS133-P device with the Xenometric SaaS platform, using dashboards and other examples.

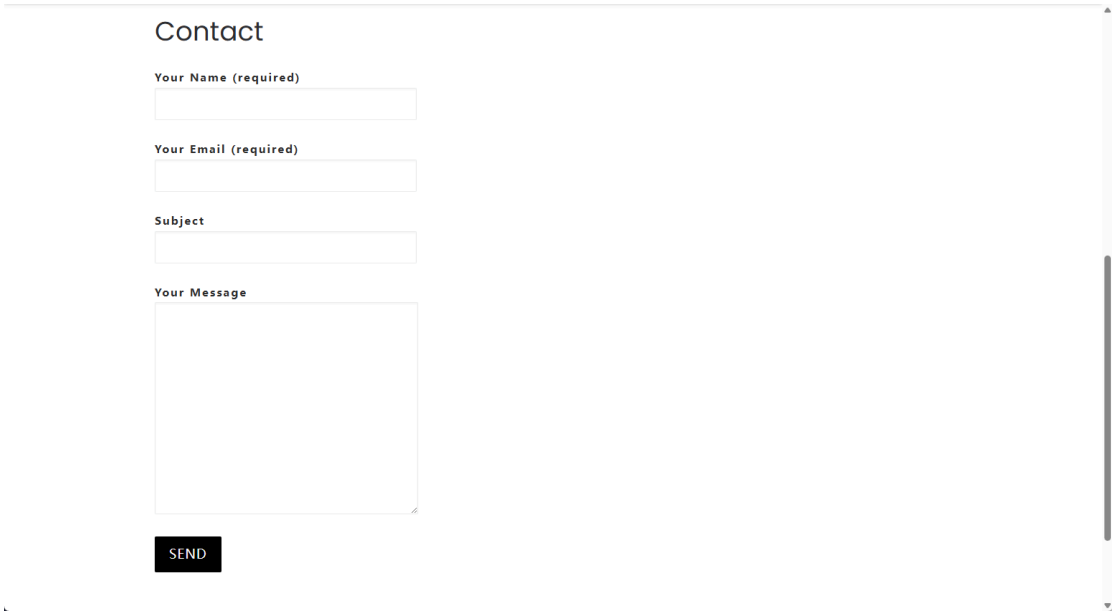
1. Prerequisites

- **Sensor Model:** VS133-P
- **The device is connected to the Internet**

2. Account Registration

First, visit the Footfall People Counting - Xenometric interface:

Then click on "**CONTACT**", and fill in your information on the redirected page:



After receiving your information, Xenometric staff will create a username and password for you based on your requirements and send them to you via email.

3. Platform Parameter Retrieval

Normally, after the account is created, the platform will also provide you with a set of HTTP interface parameters based on your actual requirements.
The example below is for reference only, please refer to your own case:

Parameter	Description
URL Address	http://www.xenometric.com:6000
Timeout	Set as 30 seconds

Max Attempts	Set as 3
Max History	Set as 1000
Max Logs Post	Set as 100
Authentication	Token Leave blank
Authorization	Token Leave blank

4. Deployment Planning Parameters

First, determine how many buildings are involved in your deployment. Identify all zones in each building and assign a unique identifier to each (e.g., using uppercase letters and numbers).
Then, assign a unique identifier to each device (**Customized Site ID**).
For example, if you have only one VS133-P, you could name it **FLOOR4** like mine.

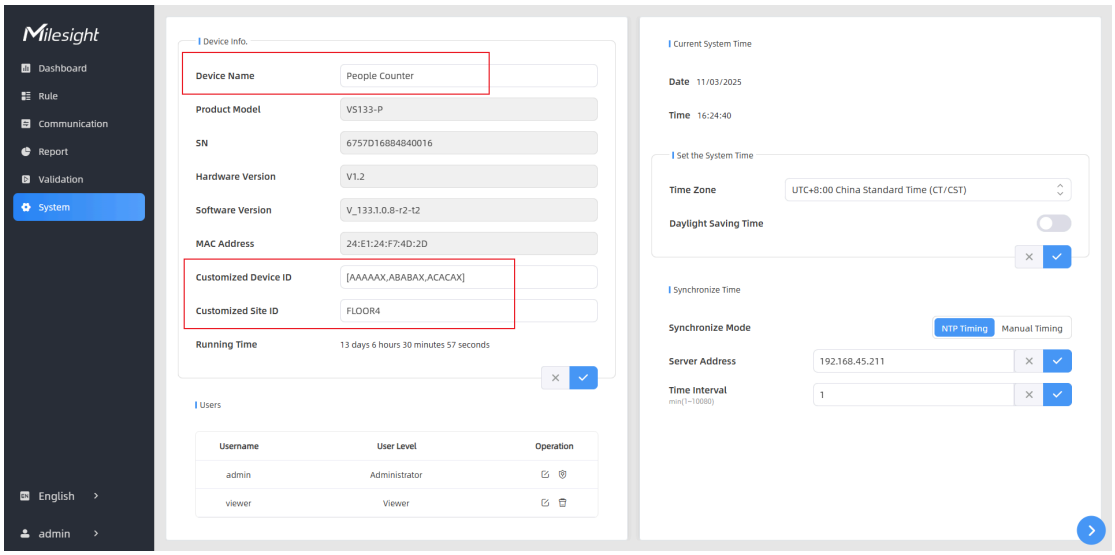
Next, configure a **Customized Device ID** for each device based on its function. You can temporarily set it as "AAAAAX" and send all parameters to the Xenometric staff. They will configure them on the platform and link them to your account using admin privileges. If you have any questions during this process, feel free to reach out to Xenometric for assistance.

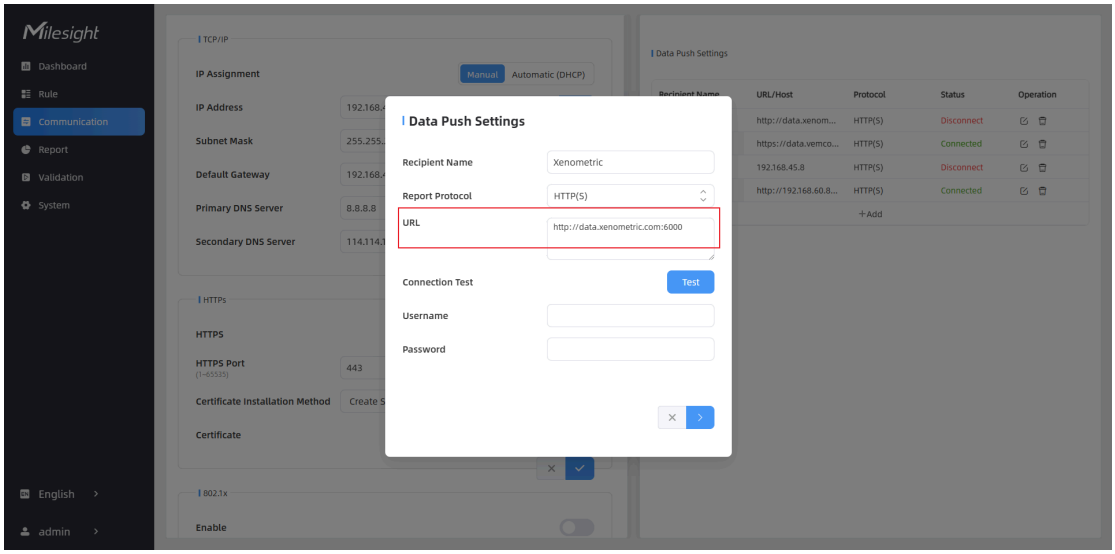
Finally, Xenometric will provide you with an updated list based on your deployment plan, which includes building names, Site IDs, and Device IDs. This information is crucial for configuring the VS133-P and should not be modified arbitrarily in the future.

5. Terminal Device Configuration

First, follow the instructions in the <VS133-P User Guide> to connect the device to the Internet and coVS133-P User Guideings such as time zone and system time.

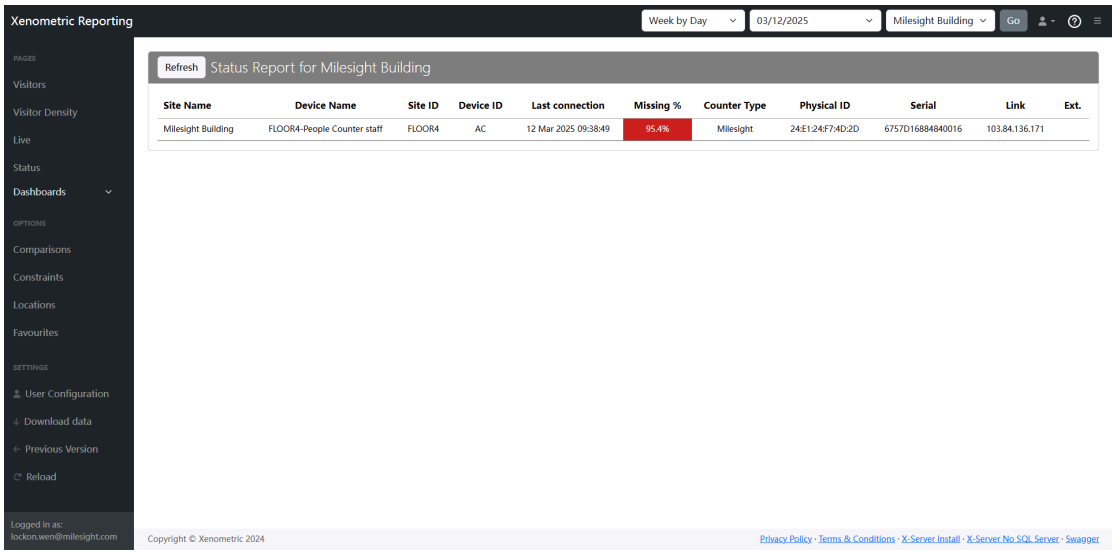
Then, refer to the screenshot below to configure parameters for each VS133-P device. The fields **Customized Site ID, Customized Device ID, and Device Name** should be taken from Step 4.





6. Data Verification

Refer to the screenshot below to verify data upload:


Xenometric Reporting
Week by Day
03/12/2025
Milesight Building
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Visitors
Visitor Density
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User Configuration
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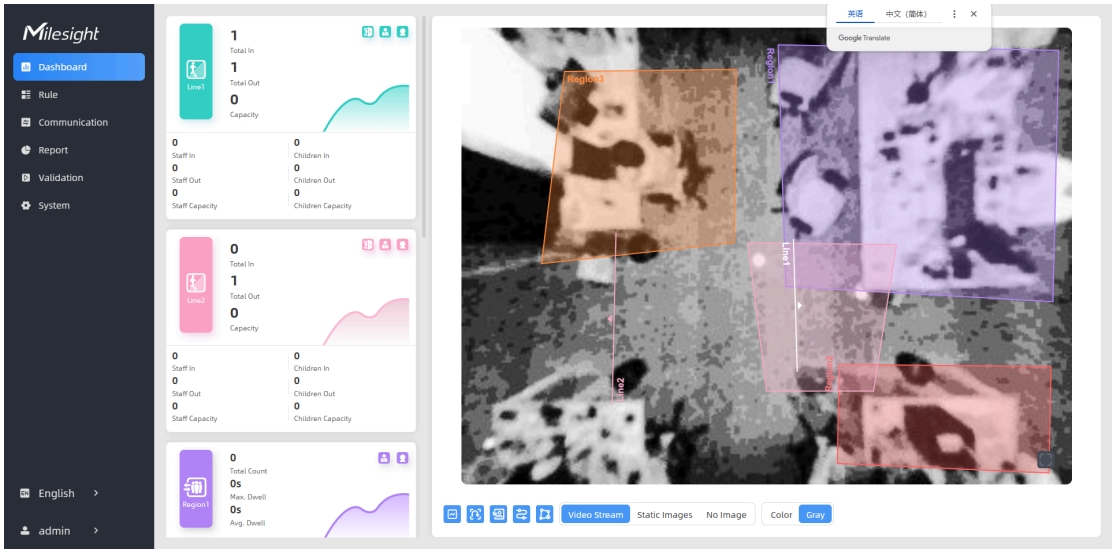
Milesight
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Children In
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Line1
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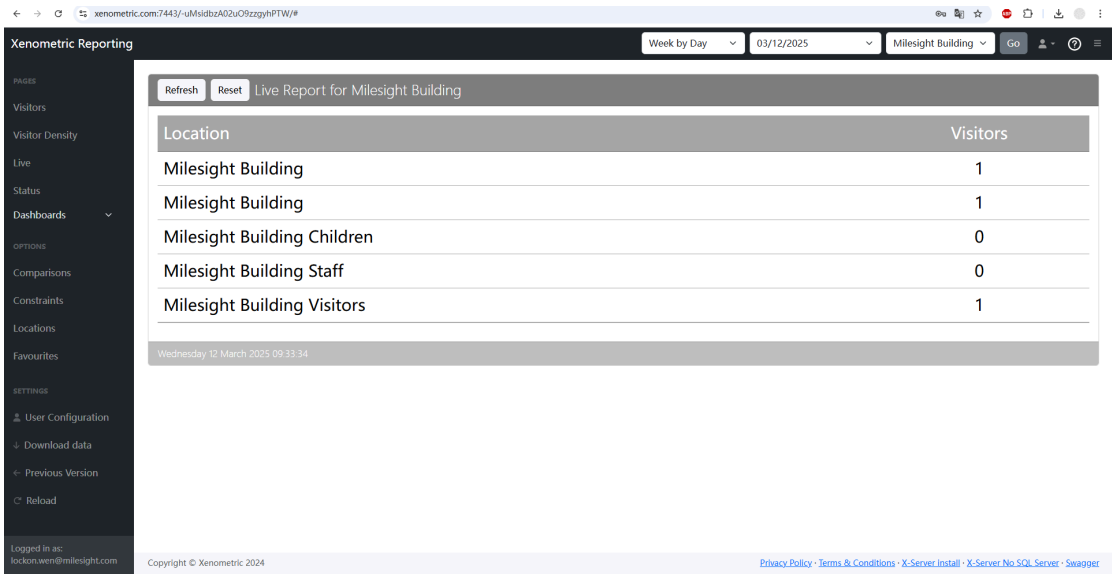
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Xenometric Reporting
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Wednesday 12 March 2025 09:33:34
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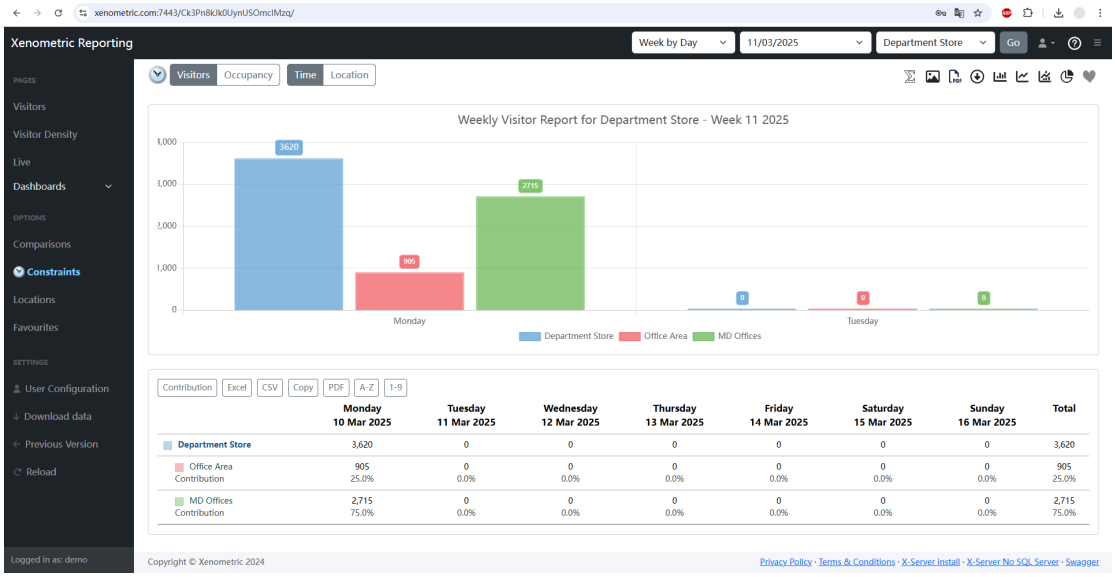

At this point, the VS133-P device is successfully integrated with the Xenometric platform.

7. Frequently Asked Questions

Q1: Can the Device Name contain special characters?

A1: It is not recommended. Please use uppercase letters and spaces only.

Q2: How should the Device ID be formatted?

A2: The format depends on the rules you configure in the VS133-P. For detailed guidance, please consult Xenometric staff refer to Section 2.2 of the documentation.

-END-