

SVIC-2D01 Safety Camera Quick Start Guide

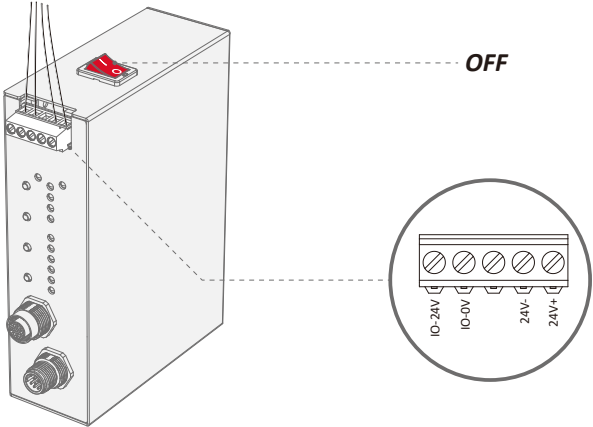
Step 1 Hardware Installation and Initialization

01 I/O Board Wiring and Power Supply

Ensure the red switch on the I/O board is in the OFF position. Connect a 24V DC power supply to the 24V+, 24V-, IO 24V, and IO 0V terminals.

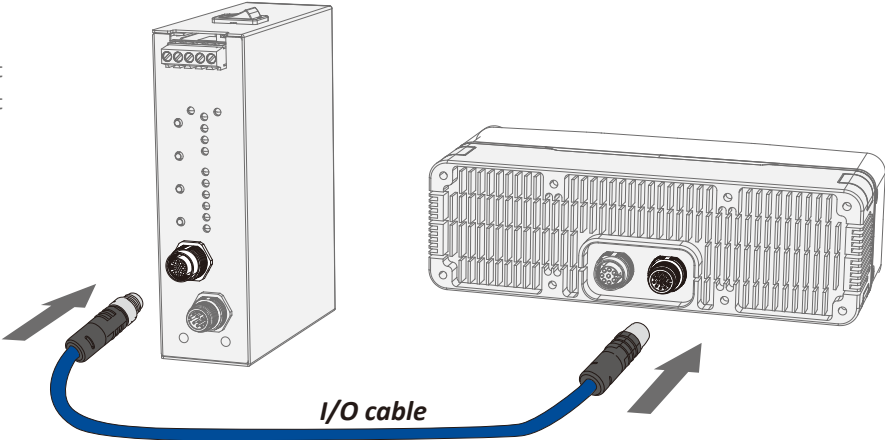
Crucial: Double-check all polarities before proceeding.

! Note: power supply is not included.



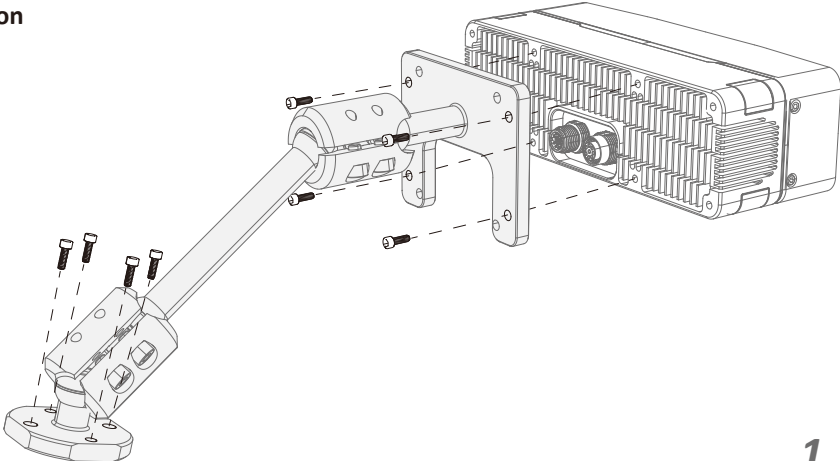
02 Device Interconnection

Use the provided blue I/O cable to connect the safety camera to the corresponding port on the I/O board.



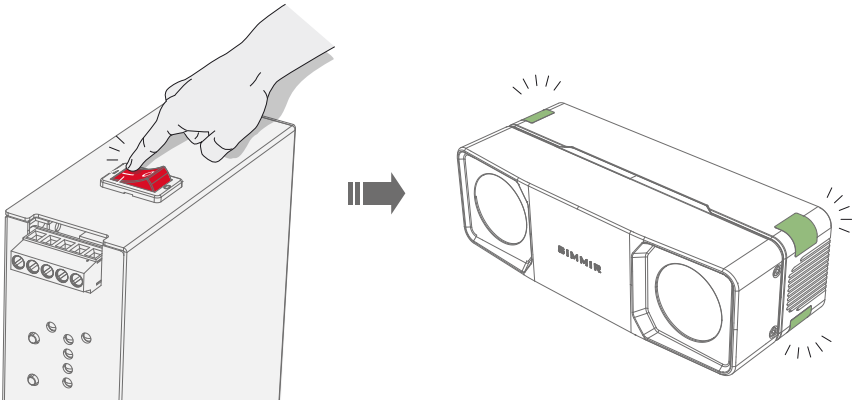
03 Camera Mounting and Bracket Installation

Mount the camera onto the Multi-axis Mounting Bracket via the bottom screw holes, and perform an initial tilt/pan adjustment to ensure the field of view covers the detection area. Note that the bracket can be attached to a fixed mounting pole or secured directly to a wall.



03 Power-up and Status Check

Toggle the red switch on the I/O board to ON. Wait for the camera's shoulder lights to illuminate; they should eventually show a steady Green or Red status, indicating the system is ready.

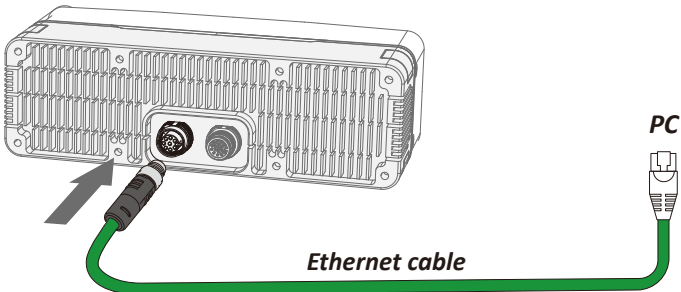


Step 2 Network Setup and Login

04 Network Configuration

Connect the camera to your PC using the green Ethernet cable.

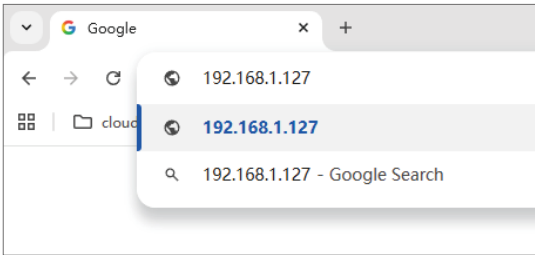
Configure your PC's IPv4 adapter settings to a static IP address in the format 192.168.1.xxx.



05 Browser Access

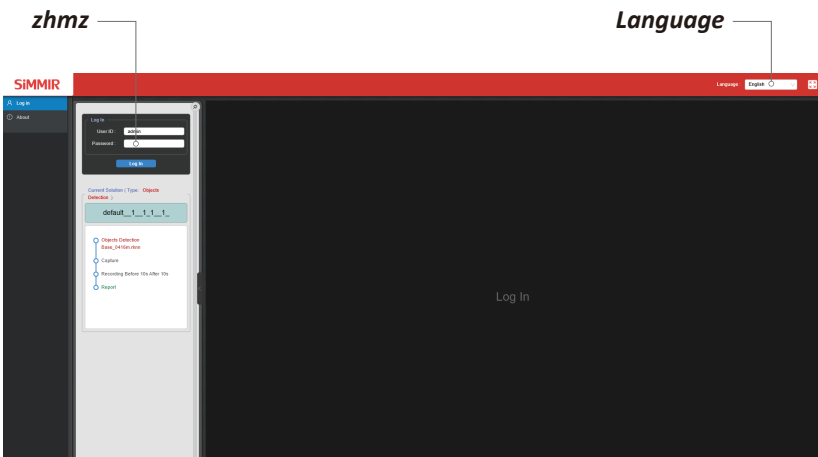
Open Chrome and enter the default IP address for the lens: 192.168.1.127 or 192.168.1.128.

Using .127 as an example, the login page will appear.



06 Authentication and Language

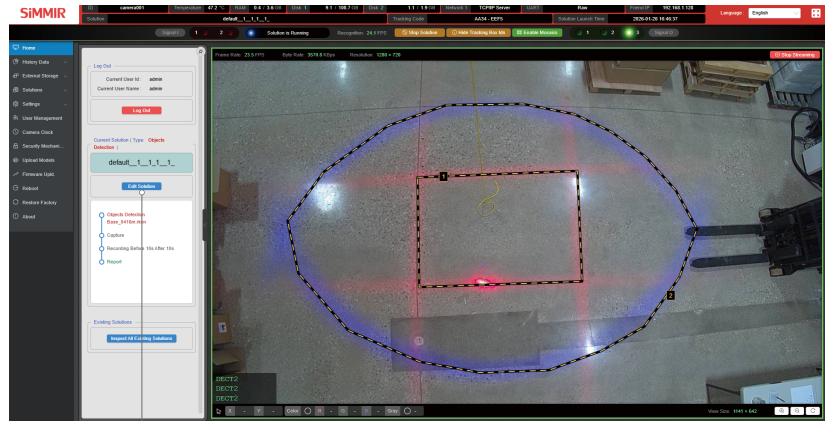
Log in using the initial password: zhmz. If the interface is not in English, you can change the language selection directly on the login page.



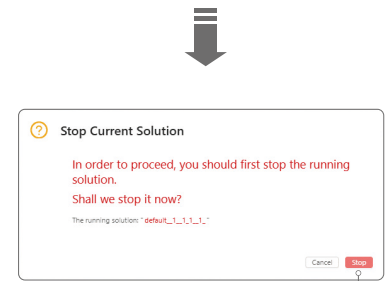
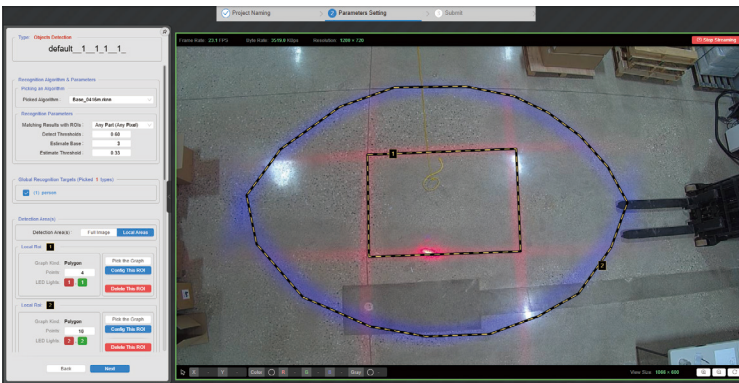
Step 3 Solution Setup and Imaging

07 Entering Configuration Mode

Once logged in, navigate to "Edit Solution". Select "Stop" when prompted to halt current operations and enter the editing interface.



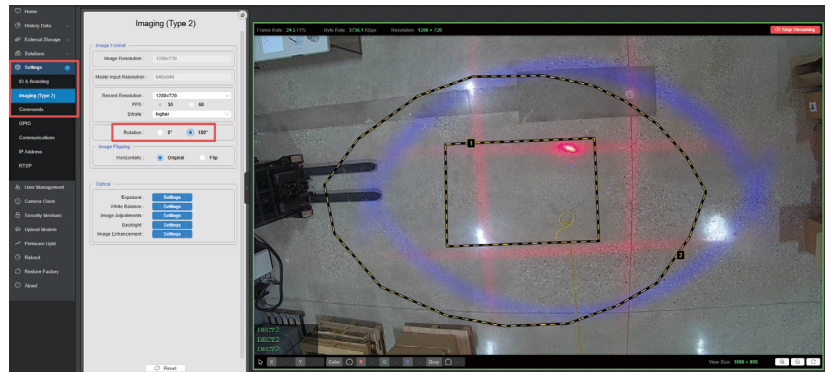
① Edit Solution



② Stop

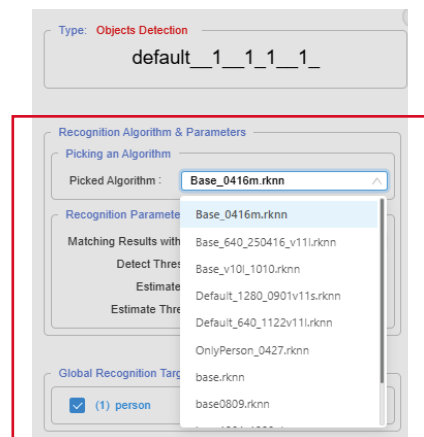
08 Image Rotation

If the camera is mounted upside down, go to Settings -> Imaging -> Rotation and select "180".



09 Model Check

Additionally, verify the model: the camera comes pre-loaded with the latest model and typically requires no changes.

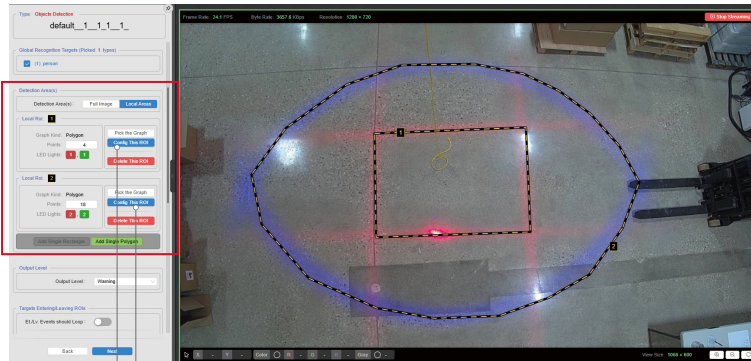


Step 4 ROI and Output Logic Configuration

10 Defining Regions of Interest (ROI)

Define multiple ROIs and assign them to safety zones (e.g., Zone 1 for red light, Zone 2 for blue light).

Click "Config this ROI" to access the detailed setup page.



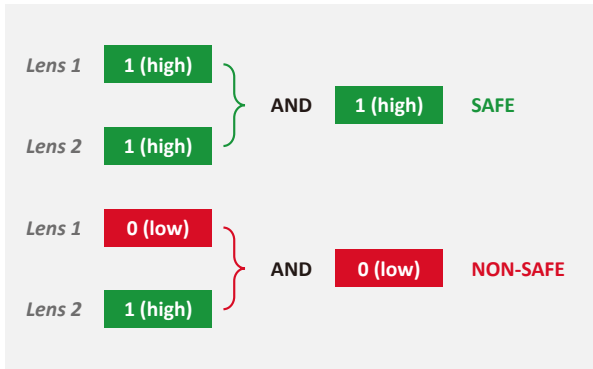
Config this ROI

11 Safety Logic Setup (AND/OR)

Configure the logic based on your I/O board type (default is AND).

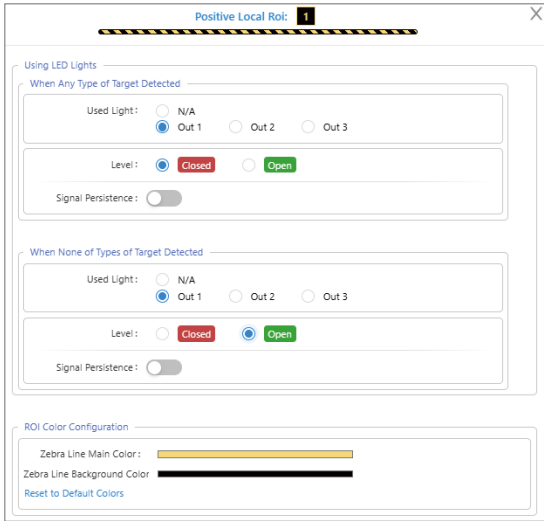
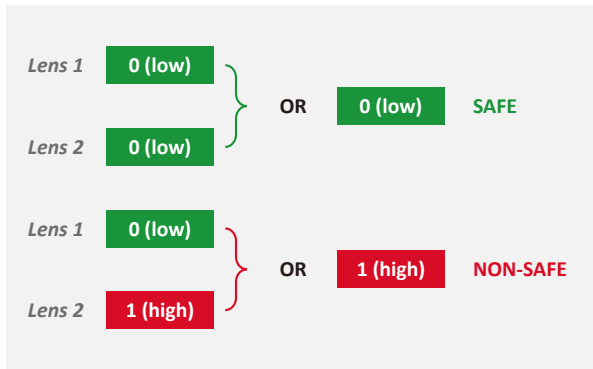
AND Type:

Set Safe to HIGH and Non-safe to LOW. This "fail-safe" design triggers an alarm if power is lost or cables are cut.



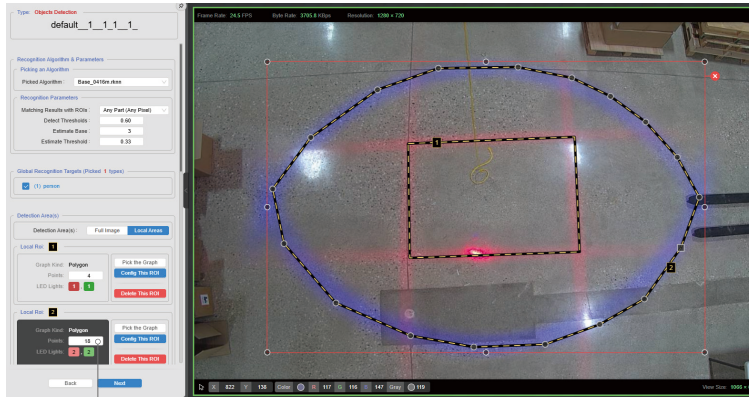
OR Type:

Set Safe to LOW and Non-safe to HIGH.



12 Zone Boundary Adjustment

To fine-tune the safety zone, click on the zone and drag the polygon vertices to the desired positions. You can also add or remove points to change the shape of the polygon.

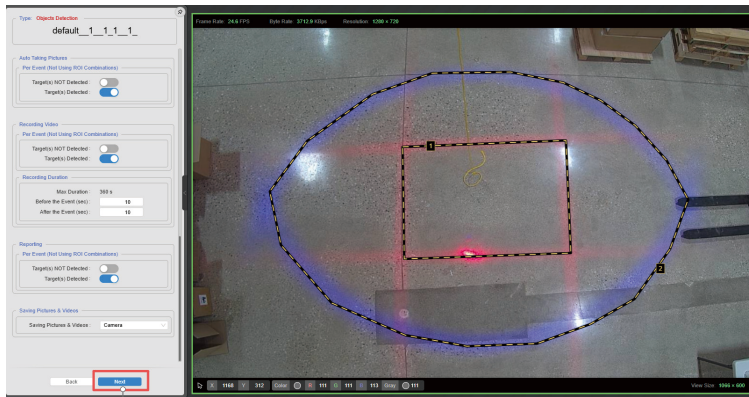


This allows you to change the number of points on the polygon.

Step 5 Completion and Deployment

13 Saving and Running

After setup, click "Next" and then "Confirm" to save your configuration. Return to the main page and click "Run Solution" to start monitoring. Verify performance by entering and leaving the zones.

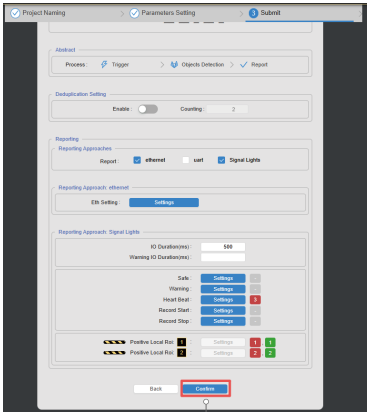


1 Next



3 Home

4 Run Solution



2 Confirm

