

Smart Camera Configuration Instruction

iDS-2CD6124FWD-IZ/C - People Counting

Note: In order to make sure the functionalities work fine, we need to install the Web Component prompt when open the Web GUI of the camera.

An initialized micro SD card will be needed as the People Counting statistic will be stored to SD card before it is exported.

Configuration:

1. Enter the People Counting Configuration interface: Configuration > Advanced Configuration > People Counting.
2. Select People Counting Configuration tab to set the detailed parameters.
3. Check the checkbox of Enable People Counting to enable the function.
4. (Optional) Check the checkbox of Camera Calibration, and a pair of short green lines, called calibration lines, appears on the detection line. You can adjust the distance between the two green lines according to the actual width of passing people for calibration.
5. (Optional) Check the checkbox of Enable OSD Overlay, and the real-time number of people entered and exited is displayed on the live video. You can click the OSD square, then hold and drag your mouse to move it to other position on the screen.
6. Click Draw Line, and a detection line will appear on the image. The people entering or exiting through the line will be detected and counted. Select the detection line, and you can click-and-drag the line to adjust its position or click-and-drag the two end points to adjust its length. To delete the line, click the Delete Line button.
7. An arrow indicating the entering direction of people is shown after the detection line is selected. You can click the Change Direction button to adjust the arrow direction to opposite side.
8. Click the Reset Counter button, and the number of the people entered and exited will be cleared to zero.
9. Click Edit to set the arming schedule.
10. Check the checkbox of Notify Surveillance Center to set the linkage action.
11. Click Save to save the settings.

Statistic:

1. Click People Counting Statistics to enter the statistics interface.
2. Select the report type by clicking the dropdown menu. Daily report, weekly report, monthly report, and annual report are available.

3. Select the Statistics Type as People Entered or People Exited.
4. Select the Statistics Time.
5. Click Counting to calculate the data.
6. Select to display the Statistics Result as Table, Bar Chart, or Line Chart on the interface. If table is selected, Export button will be available so you can export the data in an excel file.

It is recommended to face the camera lens straight down to the ground in order to guarantee an accurate calculation.

Below is the recommended focus lens used for specific mounting height and width of Gate.

Height (m)	Recommended Focus (mm)	Width of Gate (m)
2.6	2.1	2.0
2.8	2.1	2.2
3.0	2.1	2.4
3.5	2.1	2.6
3.8	2.8	2.4
4.2	2.8	2.6
4.5	2.8	2.6
5.0	2.8	2.6