

Camera

Use your existing camera to integrate with VisionAI platform

What Cameras can I use?

Cameras that can be used with VisionAI app would be like this:

- *IP cameras*

Use the video feed from a single or a network of digital video security cameras. These could be common security cameras (CCTV) or network cameras (IP cameras) connected to the same network as the edge device (computer). We offer integration for IP cameras.

- *USB cameras or webcams*

Utilize webcams or USB cameras to process AI models.

The common video output formats are MPEG, WMV, or MPEG-4. RTSP, HTTP, and HTTPS are frequently used protocols for sharing live broadcast streams.

Camera Placement Guidelines

When positioning cameras for various use situations, take into account the following general guidelines:

1. Lighting: Install cameras underneath a light fittings so that they do not obscure the cameras.
2. Backlighting: Avoid mounting cameras near to window or other areas to protect from backlighting issue. It affects image quality.
3. Local policies: Take into account local placement policies and laws.
4. Authorization: The installation of cameras should be authorized by a designated person or department within the organization.
5. Maintenance: Cameras should be regularly maintained and checked to ensure they are functioning properly. The policy should specify who is responsible for maintaining the cameras and how often they should be checked.

Note

Overall, it's important to develop local policies for camera mounting that balance the need for surveillance with the protection of privacy rights. The policies should be reviewed and updated regularly to ensure they remain relevant and effective.

Camera View

The camera view refers to the field of vision captured by a camera. The camera view is determined by the placement of the camera and its angle of view.

When considering camera view, it's important to think about the following:

Camera Front View

A camera front view refers to the perspective captured by a camera facing forward, usually at a person's eye level or slightly higher. This type of camera view is commonly used in areas where it's necessary to monitor and identify individuals. When positioning a camera for front view, there are several factors to consider:

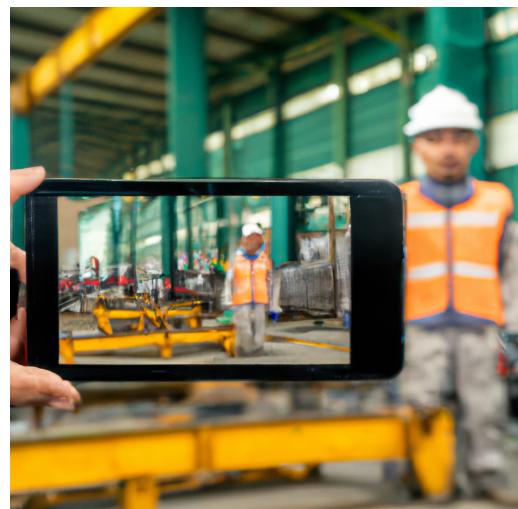
Factors

The following illustration provides simulations for the camera front views.

Example 1



Example 2



Camera Ceiling View

A camera mounted on the ceiling can provide a wide and unobstructed view of the surrounding area. This type of camera view can be particularly useful in large indoor spaces.

When positioning a camera for ceiling view, there are several factors to consider:

Factors



The following illustration provides simulations for the camera ceiling views.

Example 1



Example 2

