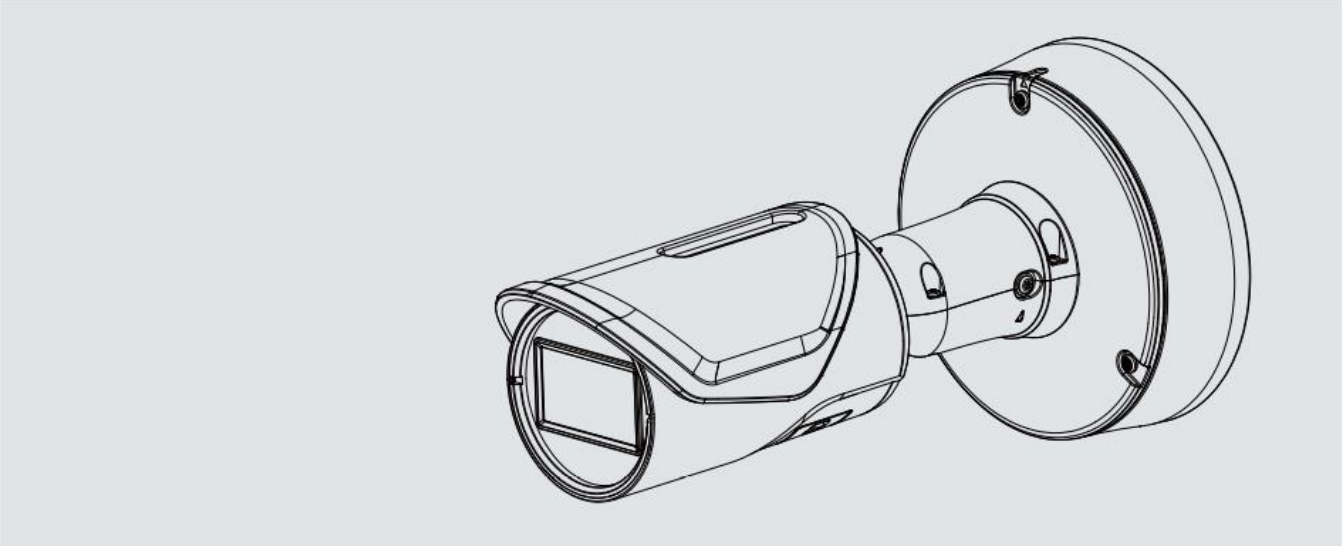
WREN SOLUTIONS™

HYPERION™

Camera Configuration Guide

Camera Models HYP-VIB9367-W & HYP-VIB9387-W



For Use with Hyperion Perimeter Security

Contents

Overview & Prerequisites

This guide will provide information needed to configure a new Hyperion camera to be used as a detection device with Hyperion Perimeter Security. The camera can be used in place of a traditional passive infrared sensor (PIR) to detect potential threats via the use of camera analytics. The camera analytics can accurately detect that motion is coming from a person as opposed to other objects in the camera's field of view (such as passing cars, swaying trees, etc.). This leads to more accurate threat detection and reduces the chances of a Hyperion automation being triggered inadvertently.

Prerequisites To Using This Guide

The following should be completed before continuing with the setup instructions in this guide. Please refer to the Hardware Installation chapter in the camera manufacturer's installation guide to complete these items. The installation guide is located here on the Hyperion Partner Support Center website. You will need to login to access the Installation Guide.

- Camera should be installed in its permanent location and pointed at desired coverage area.
- Camera should be powered on and connected to the same network as the Hyperion Gateway.
- You will need to measure how high the camera is mounted off the ground. This information will be needed when configuring the camera analytic.

Network Information

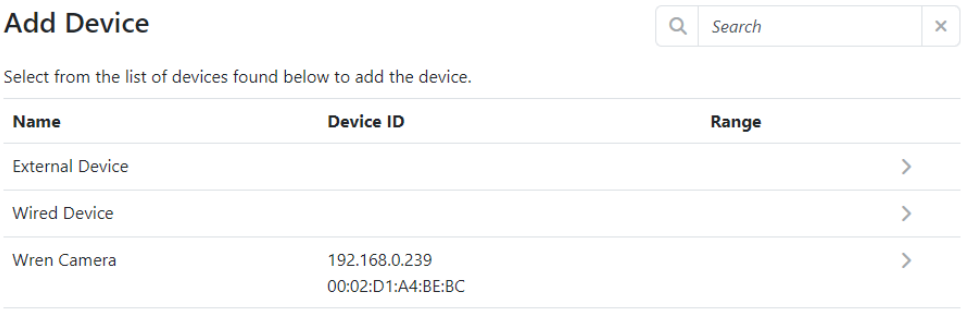
The following networking information should be taken into consideration as part of the installation process.

- The camera is a network device and will require an IP address. Out of the box, the camera will attempt to obtain an IP address via DHCP.
- The camera will need to have a consistent IP address. To accomplish this, it is recommended that a DHCP reservation be setup on the location's DHCP server so that the camera will always receive the same IP address. Setting a static IP address directly on the camera can also be done.
- In the event that the camera's IP address does change, Hyperion will attempt to locate the camera on the network and will store the camera's new IP address in the configuration.
- The camera configuration interface may need to be accessed to set or refine camera detection area. This is accomplished via a web interface on the camera that must be accessible via port 80. See instructions in the Set Detection Area / Area of Interest (Optional Configuration) of this guide.
- The camera will send motion detection events to the Hyperion Gateway via port 80. The network must allow this communication between the camera and Hyperion Gateway.
- Additional ports are not required to be open on the location's network. The camera does NOT need to be accessible from outside of the location's network.

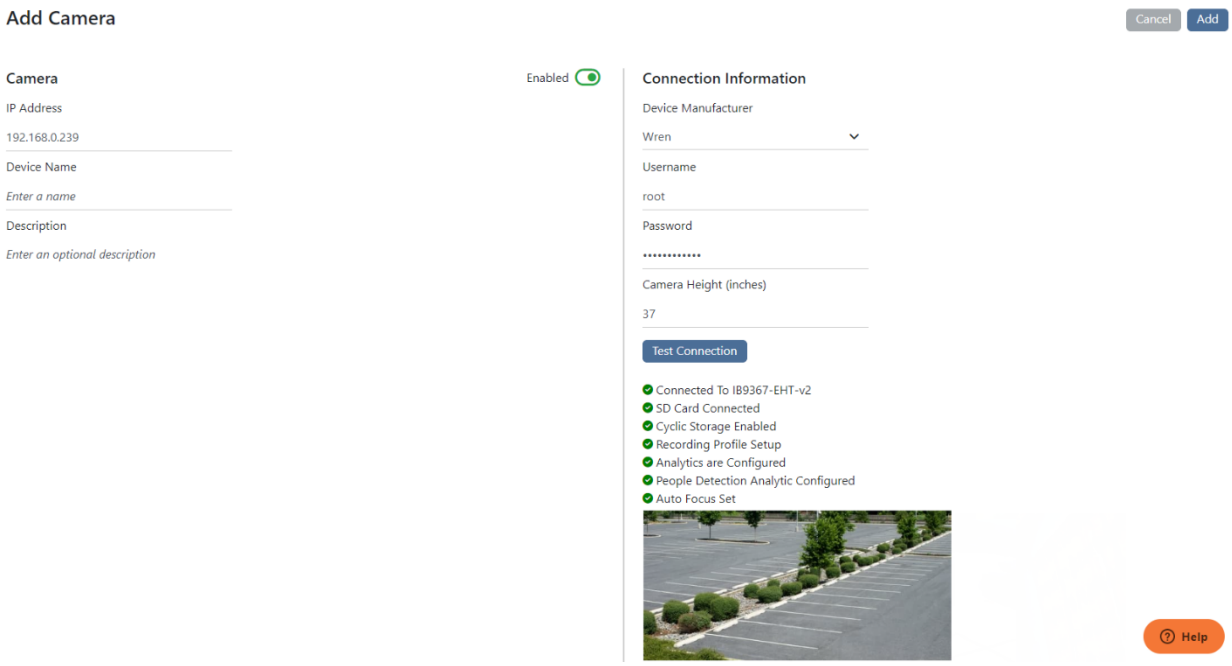
Add Camera in Hyperion

Follow the steps below to add the camera in Hyperion. The camera should be installed and powered on.

1. Log into Hyperion at https://hyperion.wrensolutions.com.
2. Select a location on the Organization page, then click Devices on the left.
3. Click the Add button.
4. Hyperion will detect cameras on the network and display them on the Add Devices page. Click on a camera in the list.



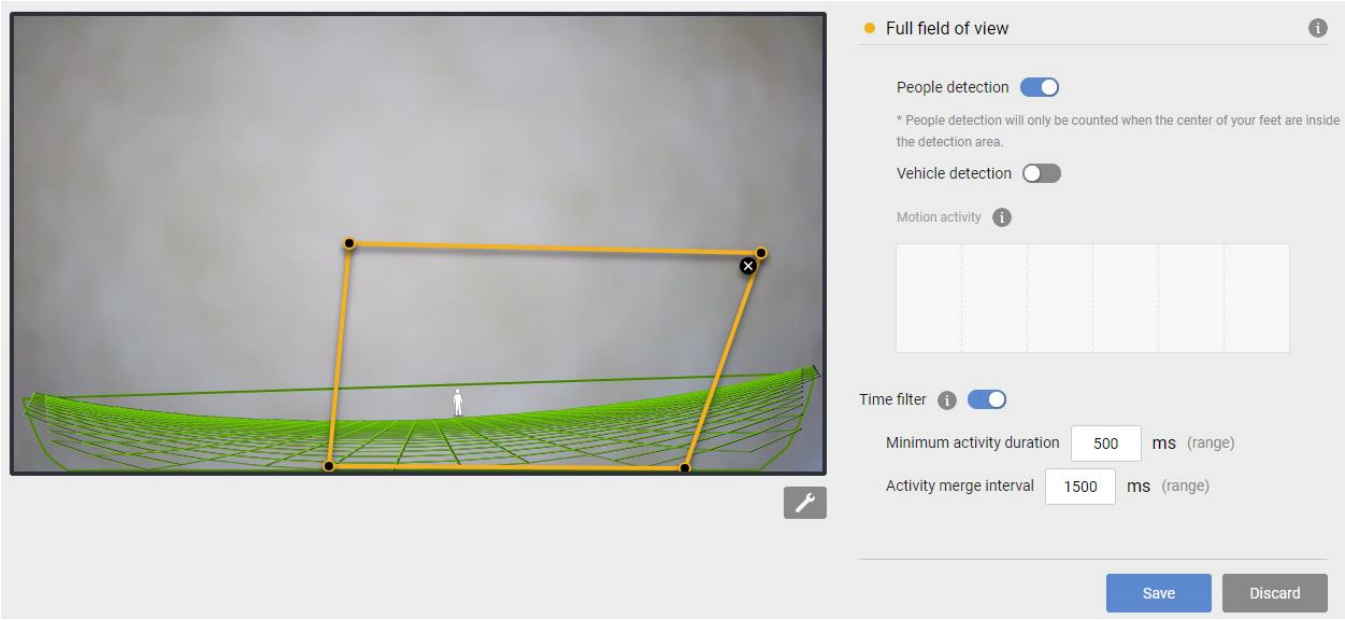
5. Enter a name for the camera.
6. On the right side of the screen, enter the camera height then click Initialize Camera.
7. You will be prompted to create a root password for the camera. Enter a password and click submit (password must be 8 characters). Be sure to keep this password as it will be needed if you need to access the camera directly.
8. The camera will be initialized. Click Add to finish adding the camera.



Set Detection Area / Area of Interest (Optional Configuration)

Hyperion will initialize the camera to include the camera's entire field of view when it is initialized. Follow the steps below if you need to change the detection area to include a smaller area of the camera's view. You will need to be connected to the same network as the camera.

1. Open a browser and enter the camera's IP address.
2. Enter root as the user and then enter the password that was set when the camera was added to Hyperion.
3. Click Configuration in the upper right.
4. Click Applications on the left, then click Motion Detection.
5. The camera's current view will be displayed with a yellow rectangle along the outside of the view. Move each corner of the rectangle until it surrounds the desired detection area in the camera's view.
6. Click Save.



Frequently Asked Questions

Where should I mount the camera in relation to the Modular Security Enclosure (MSE) when using the camera for detection in place of a motion sensor on the MSE?

It is not possible to mount the camera directly to the MSE, but the camera can be mounted near the MSE (next to, above, below, etc.). This has the added benefit of the wiring for the MSE and camera to run through a single wall penetration in the building exterior.

Does the camera require me to open any ports on my firewall?

The camera does not require any external ports to be open on the firewall and does not need to be accessible from outside of the location's network. The camera configuration interface (provided directly by the camera) is accessed over port 80 on the local network.

How can I locate or discover the camera on my network?

Hyperion will detect and list any cameras that have not yet been added in Hyperion. The IW2 Discovery Tool can also be used to locate cameras on the network.

1. Connect a laptop to the same network as the camera.
2. Download the Camera IW2 Discovery Tool from the Hyperion Partner Support Center.
3. Open the IW2 Discovery tool. IW2 will automatically search the network for all cameras and will display a list of cameras found along with information about each camera. You can click Refresh Devices to re-scan the network.