**OVERVIEW AND SUPPORTED FEATURES**

The Veo Observer is an IP camera that supports pan and tilt operation, as well as providing live audio from its built in mic or a remote mic.

IMPORTANT: The Veo Observer does not automatically turn on when power is applied: it must be turned on manually using its power switch. In other words, when the power to a building goes out and later comes back on, the camera will not then turn back on again: the user must press the button to turn it back on. As a result, this camera is NOT well suited for remote locations that are difficult to access.

**INTEGRATION REQUIREMENTS**

The following steps are needed to integrate the Veo Observer with the OneHome system:

- The camera firmware must be checked for compatibility with the OneHome system, and changed if not compatible (as explained in Component Setup below).
- The IP address for the camera must be set using the Veo Observer Setup Utility (as explained in Component Setup below).
- The camera must be mounted: this requires a power outlet within about 15’ or a dedicated low voltage power cable, in addition to a Cat5 Ethernet connection as shown in Layout and Wiring below.

**LAYOUT AND WIRING**

We suggest that you run Cat5e and 18/2 wire to each location that you will mount a Veo Observer camera. The Cat5e when terminated with an RJ45 connector will supply the network connection, while the 18/2 will supply the power. The 18/2 will splice in between the power supply transformer and the device plug.
COMPONENET SETUP

The following procedure sets up the Veo Observer using the Veo Observer Setup Utility. This process is most easily done before installing the camera.

CHECK CAMERA FIRMWARE VERSION

1. Connect the Observer and provide power and an Ethernet connection.
2. If not already installed on your computer, install the Veo Observer Setup Utility, which is included on the CD that comes with the camera.
3. Start the Setup Utility: you will see a screen similar to the one below:

   ![Veo Observer Setup Utility Screen]

   - Your PC settings:
     - IP Address: 192.168.0.111
   - Camer on local network:
     - MAC Address: 00-05-34-00-0A-07
   - Camera Name: VeoNetCam

4. Click on the appropriate camera in the list, then check the Firmware Version in the lower right (the image above shows version 416).
5. If the version is 296, then skip ahead to Set Camera IP Address.
6. If the version is not 296, click Update.
8. In the dialog that appears, type “admin” for the user name and “password” for the password and click Update.
9. If you get a “Protocol Error” or similar message, then your version of the Veo Observer Setup Utility is too old. Click OK, then click Check for Updates: this will take you to the Veo site and allow you to locate and download a newer version.
10. A file dialog will appear: browse to the version 296 firmware (euro_wire_296_575.bin) and click OK, then follow the instructions.
**Set Camera IP Address**

The default address for cameras in a OneHome installation start at 192.168.0.80 and go up from there.

1. In the Veo Observer Setup Utility, click the camera in the list on the left.
2. In the area to the right, click Static instead of DHCP.
3. Then set the IP Address, the Subnet Mask and the Gateway as desired. The image below shows the proper default settings for the first camera.
4. For the second and subsequent cameras, change the last number in the IP address from 80 to 81, 82, 83, and so on.
5. Once you are satisfied with the settings, click Set. In the dialog that appears type “admin” for the user name and “password” for the password as before. Click OK and wait for the camera to reset.

**HomeLogic Configuration Details**

Once the cameras have been configured according to the instructions above you are ready to add them to the OneHome system, as explained below.

For more information refer also to the OneHome Configurator Reference Guide.

**Add the Veo Cameras**

1. Start the Configurator, then click the Video tab on the left.
2. Click Video Cameras in the system components tree structure.
3. Click Add New Device: in the Type list select the Veo Observer, type in the desired name, and then click OK.
4. In the properties window to the right, set the following:
   - IP Address: this is the address you specified using the Veo Observer Setup Utility for each camera.
   - Port: 1600 (Note: this is not the same port displayed in the Veo Observer Setup Utility).
   - Login Name: admin
   - Password: password
5. Repeat this process for all remaining Veo Observers.