

Development - Digital Watchdog Device Discovery

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Instructions for using Device Discovery with the Digital WatchDog VCC driver

How Device Discovery works:

Device Discovery enables the Manitou user to put in device credentials that connect to a Digital Watchdog NVR that has multiple devices on it. The Discovery will then show all available devices that the Manitou user can select to add to the customer. They can add the devices as individual and also choose to add a container with selected devices. Once the devices are selected they will populate into the UI with the User/Password encrypted, and the Options string pre-filled. During the discovery process the Manitou user will also have the option to have the reference snapshots added to any video devices.

Using Device Discovery with Digital WatchDog:

Open any customer that will be connecting to a Digital WatchDog NVR. Navigate to System>Event Monitoring>Devices. At the top of the Device list there is a new icon next to the icon to add

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This light bulb icon is for Device Discovery. Clicking on it will open the Device Discover window.

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The Video Type will default to DIGWDOG and there currently is no other Video Type that will show in the drop down. The Done button will not enable if there is no Video Type. If the Video Type is missing, the database migrations for these changes has not been ran.

The user can choose to have any selected devices also be created into a container. The create container checkbox is checked by default which requires a container name and a container description. By unchecking the create container checkbox those fields are no longer required.

If a user selects an Area and a Zone, the area and zone will be applied to all devices selected to import.

A user and password are required. These fields will be encrypted in the UI and the database once the save is complete.

The Option will be the cloud name connection. Example: cloudname=TESTING-BOLD

Once these fields are in place the Discover button will enable. When the Discover button is clicked the VCC will open and show that it is connecting to the DW cloud. Once any available devices have been found, the media box will close in the VCC and a new box will show in the web client that lists out the available devices.

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The user will have the option to deselect and select the devices they choose. The Device ID will show as CAMERA 1, 2,

3, and so on incremented. The user can change the Device ID here. The description is imported as the Camera information supplied by Digital WatchDog. The option information is copied from the first screen to each of the devices. Camera is pre-selected as the type.

When the user selects the devices they would like and clicks Done the box will go away and the save icon will flash. Click the save icon. A message will show asking if you would like to create the reference snapshots.

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If you select yes, the VCC will open and all the devices will do a connect, then the media boxes will close in the VCC. A new message will show in the Manitou web client asking you to refresh the customer, which will happen once you click OK on the message box.

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Scroll down the list of devices and find the devices that were just added. If you selected for the Discover to create the reference snapshot verify that the snapshot is showing as expected. Also note that the User and Password fields are encrypted and that the Options is updated specific to each device information.

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Additional Information:

- When connecting to a PTZ camera the Zoom and Focus will work, the Iris will not.
- Tour is not supported
- When connecting to a PTZ camera that has Presets the ability to "Set" a new preset will not work as well as "Clear" will not clear (delete) any established presets.
- Relay Output - Trigger Output - We use the "Caption Contains" that is set in the Digital WatchDog UI. The "Caption Contains" needs to be set in the Digital WatchDog UI for each trigger event.

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