Ross Robotics Furio Robo Camera System

Requirements

- Robotic Camera System Interface Software Option
- Ethernet Cable

Port Connections

	Switcher		Robotic Camera
Video	Input BNC	⇨	Video Out BNC

FlexDevice™ Installation

To Install the FlexDevice Driver

1. On your computer, open your Web Browser and, in the address bar, enter the IP address of your frame and press **Enter**.
2. Enter your username and password as follows when the **Login Dialog Box** appears. The default **Name** is **user** and **Password** is **password**.
3. Click **Other...** ⇨ **FlexDevices**.
4. Click **Browse**. A file selection dialog box is displayed.
5. Locate the FlexDevice driver file **Robo-Cam_RossFurio-###.tar.gz**.
6. Click **Open/Choose** to select the file.
7. Click **Install Driver** to upload and install the selected driver to the switcher.

To Initialize the FlexDevice Driver

1. Press **HOME** ⇨ **Setup** ⇨ **Installation** ⇨ **Com Setup** ⇨ **FlexDevices**.
2. Press **Start Driver**.
3. Use the **Interface** knob to select **Panel0**.
4. Use the **Type** knob to select **FlexCAM**.
5. Use the **Driver** knob to select **Furio_#.#**.
6. Press **Accept**. You must initialize a separate instance of a driver for each device you want to control from the switcher.

Switcher Setup

To Set Up Communications

1. Press **HOME** ⇨ **Setup** ⇨ **Installation** ⇨ **Com Setup** ⇨ **Type**.
   - Use the **Com Port** knob to select the **REMOTE X** port that you connected the Ross Robotics Furio Robo to.
   - Use the **Device** knob to select **FlexCAM**.
2. Press **Select Device**.
   - Use the **Device** knob to select **#_Furio_#.#**.
   - Use the **Device Preroll** knob to select how long the transition is delayed after the execute move command has been sent to the camera.
3. Press **Com Type**.
   - Use the **Type** knob to select **Network TCP**.
4. Press **Com Setting**.
5. Use the **Client/Server** knob to select **Client**.
   - In the **Remote IP Address** field, enter the IP address of the Furio.
   - In the **Remote Port** field, enter the port you set on the Furio.
6. Press **HOME** ⇨ **Confirm**.

To Set Up Video Inputs

1. Press **HOME** ⇨ **Setup** ⇨ **Installation** ⇨ **BNC** ⇨ **BNC Type**.
   - Use the **BNC** knob to select the input BNC that the Video output of the camera being controlled by the Furio is connected to.
   - Use the **Type** knob to select **Robotic Cam**.
   - Use the **Video Format** knob to select the video format of the Video output of the camera.
2. Press **More** ⇨ **Camera Setup**.
   - Use the **Controller** knob to select the Furio.
   - Use the **Port** knob to select the port that you are using on the Furio.
3. Press **Camera Options** and use the knobs to set the options.

Option	Description
Pan Invert	Use the **Value** knob to invert the direction that the camera moves when using the positioner (**Yes**), or not (**No**).

ROSS
Video Production Technology

Option	Description
Tilt Invert	Use the **Value** knob to invert the direction that the camera moves when using the positioner (**Yes**), or not (**No**).
Zoom Invert	Use the **Value** knob to invert the direction that the camera zooms when using the positioner (**Yes**), or not (**No**).
Focus Invert	Use the **Value** knob to invert the focus direction when using the positioner (**Yes**), or not (**No**).
Iris Invert	Use the **Value** knob to invert the iris direction when using the positioner (**Yes**), or not (**No**).
X Invert	Use the **Value** knob to invert the direction that the camera moves in the X-axis when using the positioner (**Yes**), or not (**No**).
Y Invert	Use the **Value** knob to invert the direction that the camera moves in the Y-axis when using the positioner (**Yes**), or not (**No**).
Z Invert	Use the **Value** knob to invert the direction that the camera moves in the Z-axis when using the positioner (**Yes**), or not (**No**).

4. Press **HOME** ⇨ **Confirm**.

Device Setup

Refer to the documentation that came with the Ross Robotics Furio Robo for setup information.

Compatibility

Robotic Camera	Version
Ross Robotics Furio Robo	1.0
Switchers	
Synergy 1 SD	--
Synergy Series SD	--
Synergy MD/X	--
Vision MD/X	--
Vision QMD/X	16.0
Vision MultiPanel Support	--
Automation	
OverDrive	12.0
Port Expanders	
BSS4	✖

Port Expanders	
Comtrol DeviceMaster	✖

Video Production Technology