

Sony EVI-D100 Robotic Camera

Requirements

- Robotic Camera Control software option.
- Serial Interface Cable (DB9 to MiniDIN)

Port Connections

	Switcher		Robotic Camera
Communications	REMOTE Port (female)	⇒	VISCA IN Port (female)
Video	Input BNC	⇒	Output BNC

Cable Connectors

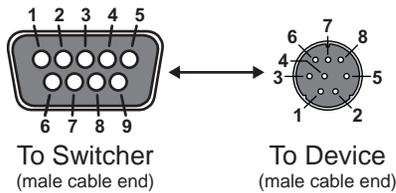


Figure 1 DB9 to MiniDIN

Pinouts

Switcher	EVI-D100
2 (Tx)	2 (Rx)
3 (Rx)	3 (Tx)
5 Ground	5 Ground

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_Sony 1.0-###.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 **Sony 1.0**.
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 Sony EVI-D100 Robotic Camera to.
 - Use the **Device** knob to select **FlexCAM**.
2. Press **Select Device**.
 - Use the **Device** knob to select **x_Sony 1.0**.
3. Press **Com Type**.
 - Use the **Type** knob to select **RS-232**.
4. Press **Com Settings**.
 - Use the **Baud** knob to select **9600**.
 - Use the **Parity** knob to select **NONE**.
5. 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 EVI-D100 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 EVI-D100.
 - Use the **Port** knob to select the camera you are controlling in a daisy chain. The first camera is fixed to **1**.



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).
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**.

FlexDevice	
Sony FlexCAM Driver	1.0
MultiPanel	
MultiPanel Support	✘
Automation	
OverDrive	12.0
Port Expanders	
BSS4	✘
Comtrol DeviceMaster	✓

Device Setup

If you are daisy chaining multiple Sony EVI-D100 Robotic Cameras together, use the following pinouts to connect the one camera to the next.

VISCA Out	VISCA In
1 (DTR)	2 (DSR)
2 (DSR)	1 (DTR)
3 (Tx)	5 (Rx)
4 (Gnd)	4 (Gnd)
5 (Rx)	3 (Tx)

Compatibility

Robotic Camera	Version
Sony EVI-D100 Robotic Camera	--



Video Production Technology