Ross Video BlackStorm Video Server (serial) (AMP)

Requirements

- Video Server Control software option
- If you are using multiple video channels on the BlackStorm, each channel should be assigned to a separate **Remote Port**, or a **Port Expander** should be used.
- Serial Interface Cable (DB9 to DB9)

Port Connections

	Switcher		Video Server
Robotic Camera	REMOTE Port (female)	⇨	COM 3/4 (female)
Video	Input BNC	⇨	Video Out BNC

Cable Connectors
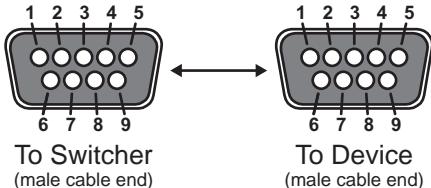
Figure 1 DB9 to DB9 Cable

Pinouts

Switcher	BlackStorm
2 (Rx-)	8 (Tx-)
3 (Tx+)	7 (Rx+)
7 (Rx+)	3 (Tx+)
8 (Tx-)	2 (Rx-)

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 **Vid-Serv_AMP-S-###.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 **FlexMedia**.
5. Use the **Driver** knob to select **AMP-S**.
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 Video BlackStorm Video Server to.
   - Use the **Device** knob to select **VTR (CLIP)**.
2. Press **Select Device**.
   - Use the **Device** knob to select **x_AMP-S**.
3. Press **Com Type**.
   - Use the **Type** knob to select **RS-422**.
4. Press **Com Settings**.
   - Use the **Baud** knob to select **38400**.
   - Use the **Parity** knob to select **ODD**.
5. Press **Extra Options**.

Option	Value
MediaIDLength	Long IDs
Record Time	60
Clip List	Floating List

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 BlackStorm is connected to.

   • Use the **Type** knob to select **VTR**.

   • Use the **Video Format** knob to select the video format of the video output of the BlackStorm.

2. Press **More** ⇨ **VTR/VDCP Xpts**.

   • Use the **Controller** knob to select the port on the switcher that you assigned the BlackStorm to.

3. Press **VDCP Setup**.

   • Use the **Channel** knob to select the channel on the BlackStorm that you want to assign to the BNC.

   • Use the **SubAddress** knob to select **0**.

4. Press **HOME** ⇨ **Confirm**.

Device Setup

1. Open the **Configuration Client**.

2. Click on the **Remote Control** tab.

3. In the **Com3** or **Com4** list, click **VDCP**. The Com port is the one that is connected to the switcher.

4. Click **Apply**.

Troubleshooting

If the device is communicating properly, but you cannot gain control from the switcher, try cycling through different values for the SubAddress, and then the Channel. The most common settings are as follows:

• Channel set to the video channel number and SubAddress set to 0.

• Channel set to the video channel number and SubAddress set to the serial communications port on the video server.

Compatibility

Video Server	Version
Ross Video BlackStorm Video Server	1
MultiPanel	
MultiPanel Support	✔
Automation	
OverDrive	11

Port Expanders	
BSS4	✖
Comtrol DeviceMaster	✔

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