# Ross Video BlackStorm

## Ross Video BlackStorm Video Server (Ethernet)

### Requirements

- Video Server Control software option
- Ethernet Cable

### Port Connections

|  | Switcher |  | Video Server |
|---|---|---|---|
| **Video** | Input BNC | ⇨ | Output BNC |

### 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 BlackStorm to.
   - Use the **Device** knob to select **VTR (CLIP)**.
2. Press **Select Device**.
   - Use the **Device** knob to select **VDCP**.
   - Use the **VTR Preroll** knob to select **0**.
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 BlackStorm.
   - In the **Remote Port** field, enter **50103** through **50110**, depending on the channel, 1-8 respectively, on the BlackStorm you want to control.
6. Press **Extra Options**.
   - Use the **Option** knob to select **TargetMachine**.
   - Use the **Value** knob to select **BlackStorm**. The remaining options are set automatically.
7. 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 the same value as **Channel**.
4. Press **HOME** ⇨ **Confirm**.

### Device Setup

1. Open the **Configuration Client**.
2. Click on the **Remote Control** tab.
3. Click **Enable VDCP over Ethernet**.
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 |
| **Switchers** | |
| Synergy 1 SD | -- |
| Synergy Series SD | -- |
| Synergy MD/X | -- |

Video Production Technology

| Switchers | |
|---|---|
| Vision MD/X | -- |
| Vision QMD/X | 14.1 |
| Vision MultiPanel Support | 15.0 |
| **Automation** | |
| OverDrive | 11.0 |
| **Port Expanders** | |
| BSS4 | ✘ |
| Comtrol DeviceMaster | ✘ |