Panasonic AW-HE100 HD/SD Camera (AW-RP655)

Requirements

- Robotic Camera Control software option
- Serial Interface Cable
- Panasonic AW-RP655 Camera Controller
- Serial Interface Cable (DB9 to DB9)

Port Connections

	Switcher		Robotic Camera
Communications	REMOTE Port (female)	⇨	REMOTE Port on AW-RP655 (male)
Video	Input BNC	⇨	Output BNC on AW-HE100

Cable Connectors
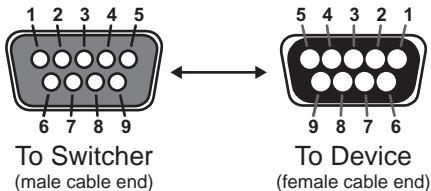
Figure 1 *DB9 to DB9 Cable*

Pinouts

Switcher	AW-RP655
2 (Tx)	2 (Rx)
3 (Rx)	3 (Tx)
5 Ground	5 Ground

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 AW-RP655 to.
   - Use the **Device** knob to select **Robotic Cam**.
2. Press **Select Device**.
   - Use the **Device** knob to select **Panasonic**.
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 **Extra Options**.

Extra Options	Value
Device	AW-HE100
Controller	AW-RP655
CmdDelay	10 (default)

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 AW-HE100 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 AW-HE100.
2. Press **More** ⇨ **Camera Setup**.
   - Use the **Controller** knob to select the port that the AW-RP655 is connected to.
   - Use the **Port** knob to select the port on the AW-RP655 that the AW-HE100 is connected to.
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**).

Option	Description
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

- **REMOTE/SERVICE** switch must be set to **N**.

Compatibility

Robotic Camera	Version
Panasonic AW-HE100	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	✔
Comtrol DeviceMaster	✔

Video Production Technology