

Panasonic AW-HE100 HD/SD Camera (AW-RP400)

Requirements

- Robotic Camera Control software option
- Serial Interface Cable
- Panasonic AW-RP400 Camera Controller with AW-IF400G Protocol Converter and AW-CA50T9 Cable Converter.

Port Connections

	Switcher		Robotic Camera
Communications	REMOTE Port (female)	⇒	AW-CA50T9 (male)
Video	Input BNC	⇒	Output BNC on AW-HE100

Pinouts

Switcher	AW-RP400
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-RP400 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-RP400
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-RP400 is connected to.
 - Use the **Port** knob to select the port on the AW-RP400 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).
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).



Option	Description
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**.

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	✓