

AMX AXB-PT PosiTrack Camera Controller

Requirements

- Robotic Camera System Interface Software Option
- Serial Interface Cables

Port Connections

	Switcher		Robotic Camera
Robotic Camera	REMOTE Port (female)	⇒	RS-232 Port
Video	Input BNC	⇒	Video Out BNC

Pinouts

Switcher	AXB-PT PosiTrack
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 AMX AXB-PT PosiTrack Camera Controller to.
 - Use the **Device** knob to select **Robotic Cam**.
2. Press **Select Device**.
 - Use the **Device** knob to select **PosiTrack**.
3. Press **Com Type**.
 - Use the **Type** knob to select **RS-232 (RS-232 NULL on the Synergy 1)**.
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 camera being controlled by the AXB-PT PosiTrack 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 AXB-PT PosiTrack.
 - Use the **Port** knob to select the port that you are using on the AXB-PT PosiTrack.
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**.

Device Setup

Ensure the port on the AXB-PT PosiTrack that is connected to the switcher is configured for RS-232.



Compatibility

Robotic Camera	Version
AMX AXB-PT PosiTrack Camera Controller	--
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	✓
Control DeviceMaster	✓