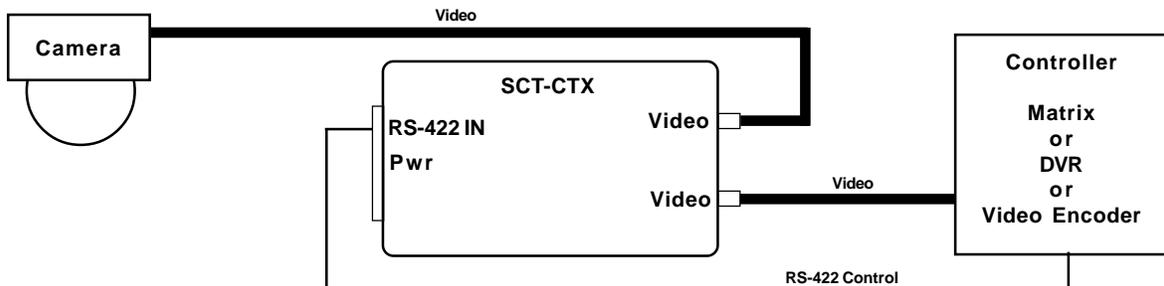
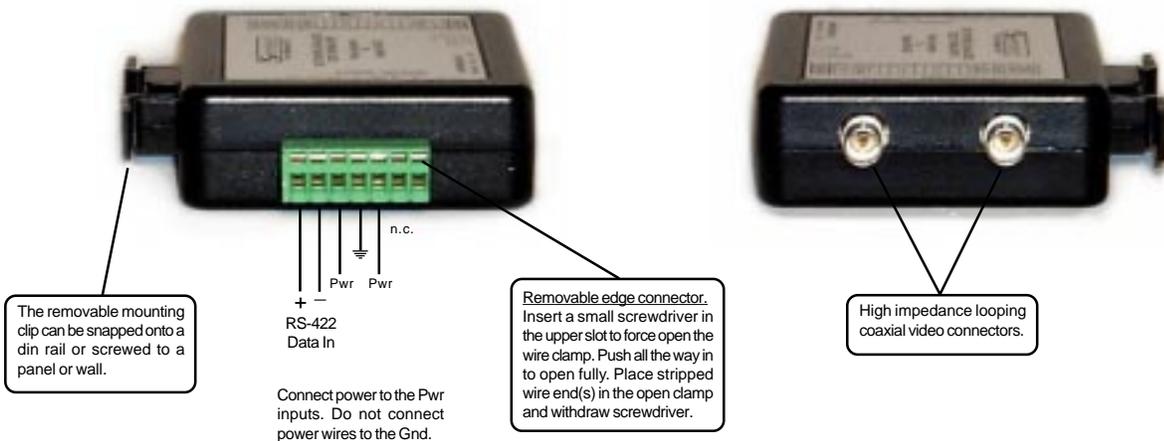
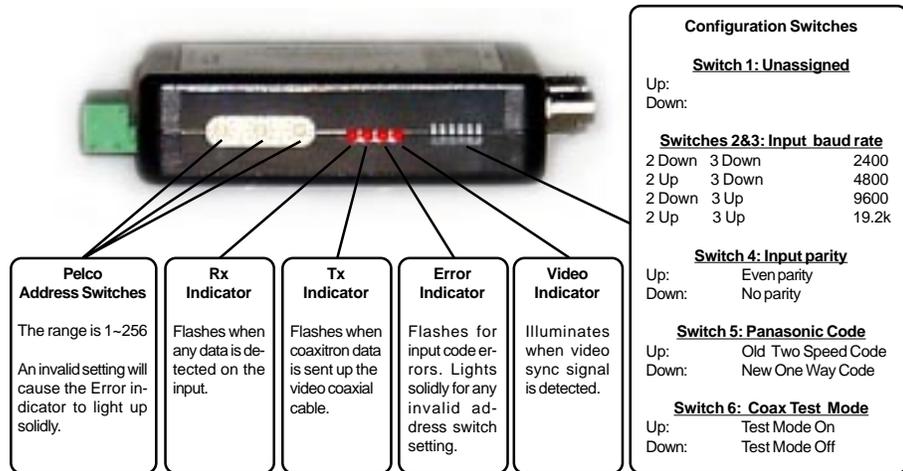


SCT-CTX-Pelco-Panasonic v20

Pelco RS-422 to Panasonic coax Code Translator ver 2.0

The Code Translator receives Pelco RS-422 camera control code and converts it into Panasonic up-the-coax code for a single Panasonic camera.



SPECIFICATIONS

Size: 5" x 3.5" x 1.25" Weight: 0.5 lb Power: 9Volt to 15Volt AC or DC at 75ma Environmental: Indoor use only

Sennetech, Inc. 6455 W. Bath Rd. Perry, MI 48872 U.S.A. Ph (517) 675 1150 Fax (517) 675 1151

www.sennetech.net

INSTALLATION

Insert the code translator in the video coaxial cable between the camera and the matrix. The video inputs are a high impedance loop so either can be in or out.

Connect the RS-422 control wires to the code translator's RS-422 in connectors. The baud rate and parity must be set to match the controller's settings. The code translator will automatically detect whether it is getting P code or D code. The switches can be changed with power applied and the changes take effect immediately.

Set address selector switches to the same number the controller is sending for this camera.

CONFIGURATION SWITCHES

Switch 1	Unassigned
Switches 2 & 3	Selects baud rate for input Pelco RS-422 data.
Switch 4	Selects parity setting for input Pelco RS-422 data.
Switch 5	Selects Panasonic up the coax protocol. Down is for all Panasonic cameras that can accept the new "one way" protocol. Up is for older Panasonic cameras that require "two speed" protocol.
Switch 6	Selects Test Mode. When On, constant square motion (Right, Down, Left, Up) commands are sent up the coaxial cable as a test.

INDICATORS

The Video indicator will light when there is video present from the camera on the coaxial cable.

The Rx indicator will light when there is any data on the RS-422 input. If it is recognized as valid data and the received address matches the switch settings, coaxitron data will be sent up the video cable to the camera and the Tx indicator will flash. The Error indicator will flash if the code translator does not recognize the input data as valid Pelco data packets.

NORMAL OPERATION

PTZ: Pan, tilt, zoom, focus, and iris commands are converted directly.

Presets: Pelco preset commands from 1~64 are converted directly with a few exceptions.

	<u>Pelco Command</u>	<u>Panasonic Command</u>
Autopan	Preset 99 or 29	Autopan ON
	Pgm Preset 92 or 22	Set Autopan Start position.
	Pgm Preset 93 or 23	Set Autopan End position.
Patrol	Pattern Start	Patrol Learn
	Pattern End	Patrol Stop
	Pattern Run	Patrol Play
Setup Menu	Pgm Preset 95 or 25	Toggles Camera Menu ON/OFF
	(Use pan and tilt commands to navigate the menu.)	
	Zoom In	Select highlighted menu item
	Zoom Out	Return to previous menu
Auxiliary	Aux 5, 6 On	Auto Focus, AutoIris
	Aux 7 Off	Autopan cmd = AutoPan
	Aux 7 On	Autopan cmd = AutoMode SEQ
	Aux 8 On	Autopan cmd = AutoMode SORT

TROUBLESHOOTING

No Video indicator: No video signal detected on the coaxial cable

Only Rx indicator flashes when data is sent, no Error or Tx indicator: wrong address.

Both Rx and Error indicators flash, possible causes:

Controller sending other than Pelco RS-422 camera control data.

Controller sending valid Pelco data but the baudrate parity settings do not match.

Incorrect wiring. Connect controller's Tx+ and Tx- to RS-422 input + and - respectively.

Input Pelco command is not supported to be converted to a Panasonic command.

Error indicator on solidly: Invalid Pelco address selected, must be in the range of 001 ~ 256.