

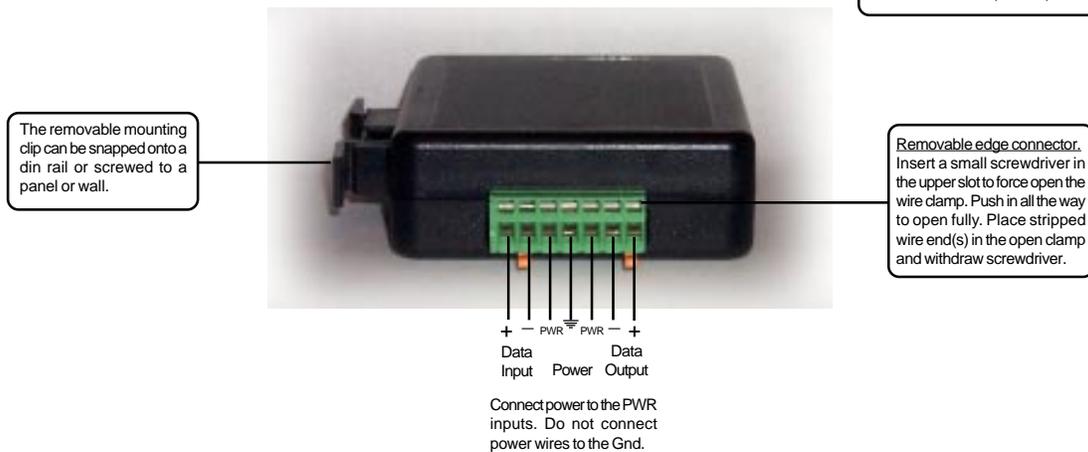
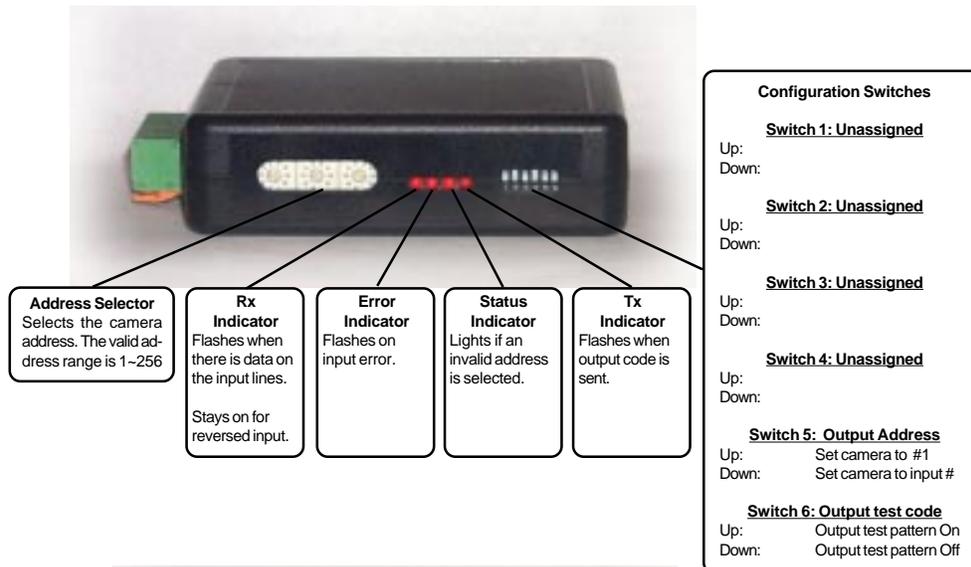
SCT-100-Pelco-VCL

Pelco RS-422 to VCL RS-485 Code Translator

The code translator converts Pelco camera control code to VCL code for a single P/T/Z. Only camera control code for the address matching the Address Selector switches is converted.

Input Pelco "D" or "P" code at 2400, 4800 or 9600 baud is detected automatically.
Output is VCL RS-485 at 9600 baud, N81.

A test mode sends a continuous square movement pattern to the P/T/Z so the wiring and addressing between the translator and the P/T/Z can be checked without a Pelco controller. The input receiver is disabled during test mode.



SPECIFICATIONS

Size: 4.5" x 3.5" x 1.25"
 Weight: 0.5 lb
 Power: 9~15Volt AC or DC at 75ma
 Environmental: Indoor use only

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NOTES

Switch Settings

Any changes in switch settings are effective immediately, they are not read only on power up.

Addressing

Only input camera control code for the camera number set by the Address Switches is converted. If switch 5 is on, set the camera's address to #1. Otherwise the receiver's address should match the code translator address.

The maximum VCL address is 128. Pelco address 129 to 256 will be converted to VCL addresses 1 to 128.

Indicators

The **Rx** indicator will flash when there is data on the input. If the wires are reversed, it will stay on.

The **Error** indicator will flash if the input code is not recognized as valid Pelco code.

The **Status** indicator will light if the address switches are not set to a valid address (1~256).

The **Tx** indicator flashes for each VCL packet sent.

OPERATION

PTZ

The code translator converts pan, tilt, zoom, focus, and iris code directly.

Presets

Pelco presets 1~98 are converted directly to VCL presets 1~98.

Other commands are converted according to the following table.

<u>Pelco Command</u>	<u>VCL Command</u>	<u>Pelco Command</u>	<u>VCL Command</u>
Aux 1 Off	Aux 1 Off	Aux 1 On	Aux 1 On
Aux 2 Off	Aux 2 Off	Aux 2 On	Aux 2 On
Aux 3 Off	Automatic mono/color	Aux 3 On	Toggle mono/color
Aux 4 Off	Auto Focus Off	Aux 4 On	Auto Focus On
Aux 5 Off	Auto Iris Off	Aux 5 On	Auto Iris On
Aux 6 Off	Wash Off	Aux 6 On	Wash On
Aux 7 Off	Wipe Off	Aux 7 On	Wipe On
Aux 8 Off	Lamps Off	Aux 8 On	Lamps On
Pattern Start 0~2	Define Tour Start 1~3		
Pattern End	Defnie Tour Stop		
Pattern Run 0~2	Start Tour 1~3		
Preset 0	Flip		
Preset 99	Start Autopan		