

SCT-100-Pelco-Elbex

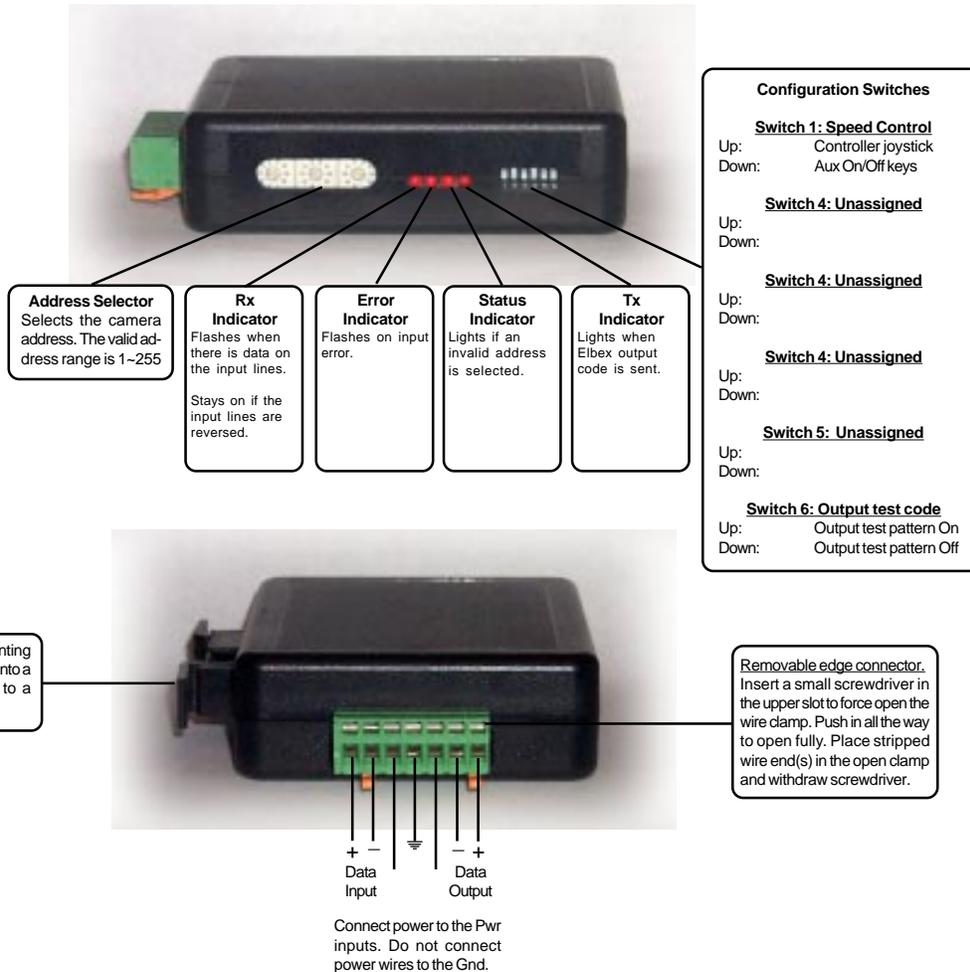
Pelco RS-422 to Elbex RS-422 Code Translator Ver 1.2

The code translator converts Pelco camera control code to Elbex RS-422 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.

Elbex RS-422 output is 4800 N81.

A test mode sends a continuous square movement pattern to the P/T so the communications from the translator to the P/T 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 camera control code for the camera number set by the Address Switches is converted.

Indicators

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

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

The **Status** LED will light if the address switches are not set to a valid address (1~255).

The **Tx** LED will light while the Elbex packet stream is sent.

OPERATION

Pan, Tilt, Zoom, Focus, & Iris

The code translator converts Pan, Tilt, Zoom, and Focus and Iris commands directly.

Speeds

If switch 1 is On, variable speed Pelco controllers will automatically insert a slow or fast speed command into the Elbex data stream when the joystick crosses a speed threshold. The Elbex camera may hesitate while it receives the speed change command. Aux 4, 5, 6, & 7 commands set the slow and fast speed values.

If switch 1 is Off, the speed is fixed. Aux 8 & 9 commands set pan speed and tilt speed values

The speed values can be changed with the following commands.

Pelco Command

Aux 4 On/Off
Aux 5 On/Off
Aux 6 On/Off
Aux 7 On/Off
Aux 8 On/Off
Aux 9 On/Off

Elbex Command

Increase/decrease variable pan slow speed
Increase/decrease variable pan fast speed
increase/decrease variable tilt slow speed
Increase/decrease variable tilt fast speed
Increase/decrease fixed pan speed
Increase/decrease fixed tilt speed

Aux

Other Aux keys are converted as follows:

Pelco Command

Aux 1 On
Aux 2 On/Off
Aux 3 On/Off

Elbex Command

Auto Pan
Auto Iris/Manual Iris
Wiper On/Off

Presets

Pelco Command

Pset 1 ~ 8
Pgm Pset 1 ~ 8
Pgm Pset 98
Pgm Pset 99

Elbex Command

Recall preset 1 ~ 8
Set Preset 1 ~ 8
All Clear
Power On Reset