

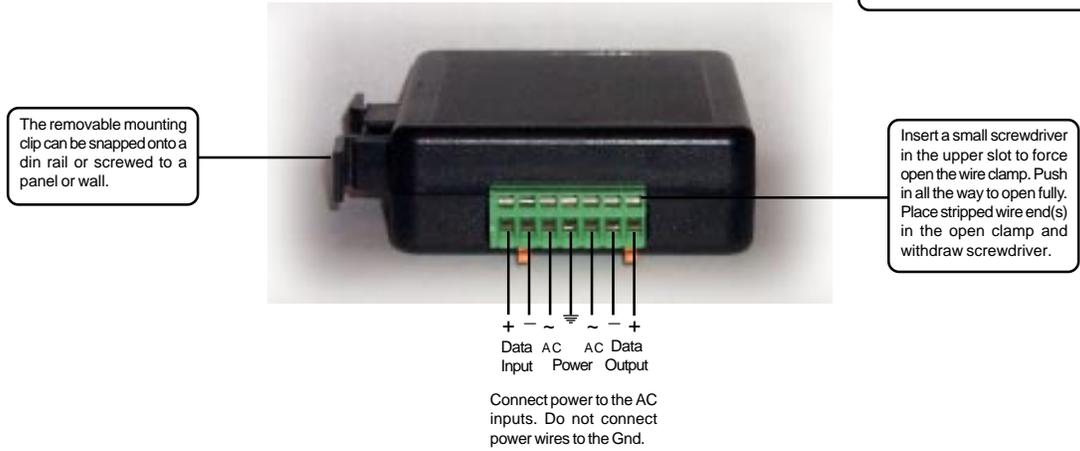
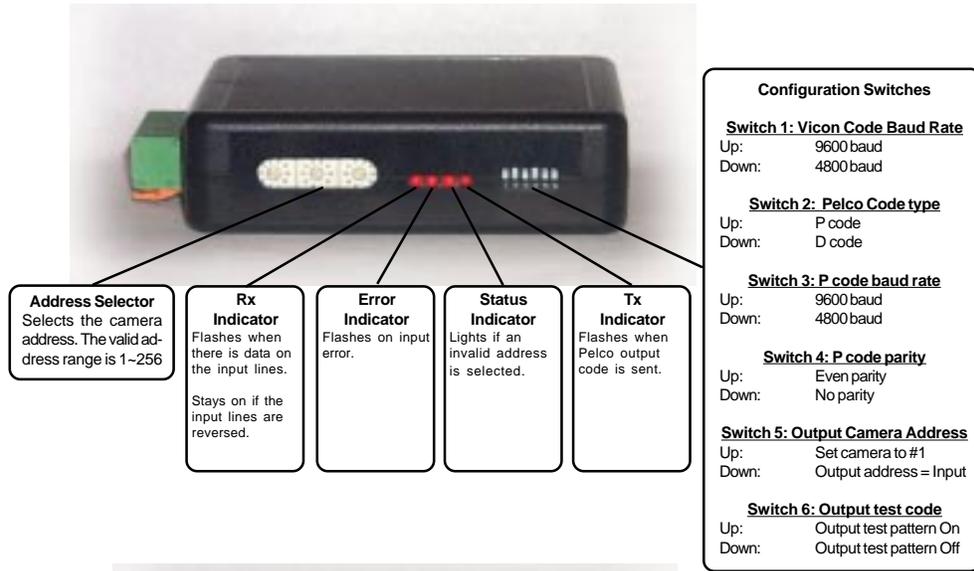
SCT-100-Vicon-Pelco

Vicon RS-422 to Pelco RS-422 Code Translator Ver. 2.1

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

Input Vicon baud rate can be 4800 or 9600. The Pelco output can be D code or P code. D code is sent as 2400 baud with no parity. P code can be sent as 4800 or 9600 baud with no parity or even parity.

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 Vicon 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
24Volt optional
- Environmental: Indoor use only

NOTES

Switch Settings

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

Pelco Settings

For D code, the output is 2400 baud with no parity. For P code, the output is determined by switches 3 & 4.

Addressing

Only camera control code for the camera number set by the Address Switches is converted.

If switch 5 is ON, the output code is always addressed to camera #1. Otherwise, the output code address is determined by the Address Switches.

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 Vicon code.

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

The **Tx** LED flashes once for each Pelco packet sent.

OPERATION

PTZ

The code translator converts Vicon pan, tilt, zoom, focus and iris code directly into Pelco code

Auxiliary Functions

Vicon Aux keys 1~6 toggle between Pelco Aux On and Pelco Aux Off.

Presets

Vicon presets from 1~99 are converted to Pelco presets, (with a few exceptions to allow programming and playback of patterns).

To record a pattern, position the camera at the starting point. Send Pgm preset 71~73, move the camera through the desired pattern, then send Pgm preset 70 to define the end of the pattern.

VICON COMMAND

Pgm preset 71
Pgm preset 72
Pgm preset 73
Pgm preset 70

Run preset 71
Run preset 72
Run preset 73

PELCO COMMAND

Start recording pattern 1
Start recording pattern 2
Start recording pattern 3
End pattern recording

Run pattern 1
Run pattern 2
Run pattern 3

Presets from 90 to 99 are used for Pelco Dome functions.

Pgm preset 90	Set manual scan left limit
Pgm preset 91	Set manual scan right limit
Pgm preset 92	Set auto scan left limit
Pgm preset 93	Set auto scan right limit
Pgm preset 95	Start Dome programming menu
Run preset 97	Start random scan
Run preset 98	Start frame scan
Run preset 99 or A/P key	Start auto scan