

SCT-200-Pelco-Quickset

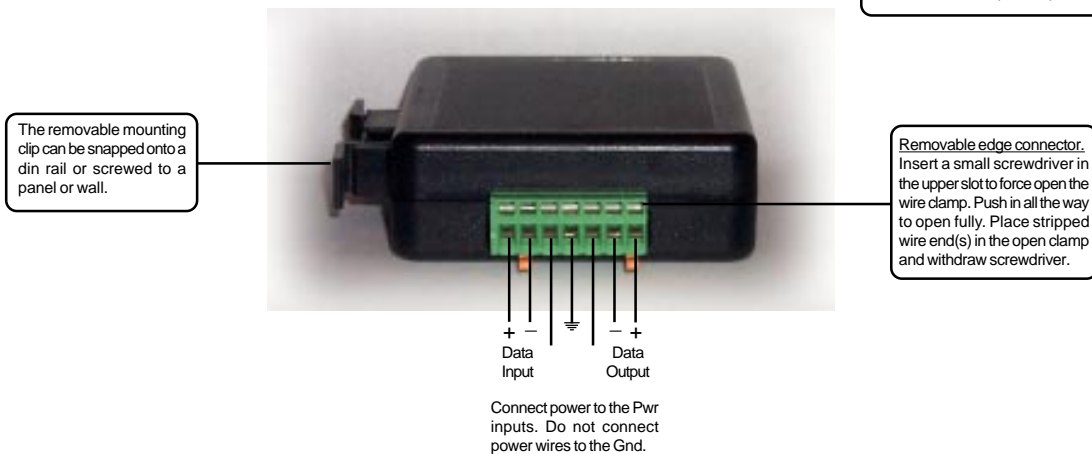
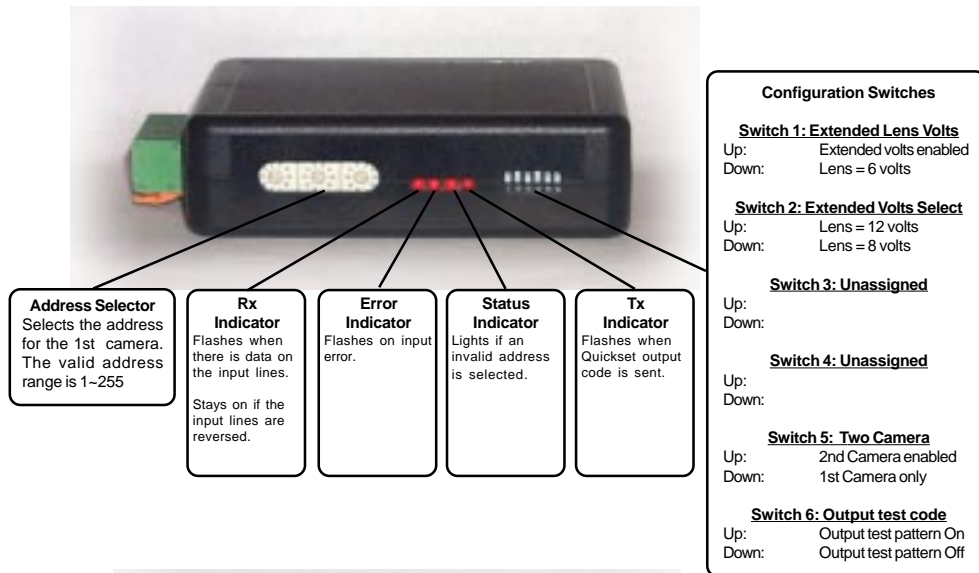
Pelco RS-422 to Quickset RS-422 Code Translator for Quickset QPT-50 & QPT-90 with stepper drive

The code translator converts Pelco camera control code to Quickset RS-422 code for two camera addresses. The addresses switches are to be set to the lower camera number, the second camera is one number higher.

Input Pelco "D" or "P" code at 2400, 4800 or 9600 baud is detected automatically.

Quickset RS-422 output is 9600 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

Operation

The code translator is designed for Quickset P/T with stepper drive for one or two cameras.

Switch Settings

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

Addressing

The address switch settings are for the 1st camera. The 2nd camera is the next higher address. If switch 4 is off, only the 1st camera can control the P/T. If switch 5 is On, both cameras can control the P/T

Lens Zoom and Focus motor Voltage

If switch 1 is off, the zoom and focus motor voltage is six volts.

If switch 1 is on the motor voltage is higher, either 8 volts or 12 volts, depending on switch 2.

Indicators

The **Rx** LED will flash when there is data input data. If it is on continuously, the wires may be reversed.

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 flash for each Quickset packet sent.

OPERATION

Pan, Tilt, Zoom, & Focus

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

P/T Motor Speeds

The stepper motor drive can move at a fraction of normal speed. The code translator has three speed modes: Slow, Mixed, and Fast. Slow mode send only stepper motor jog speed commands. Fast mode sends only normal jog motor commands. Mixed mode sends stepper motor commands for the first half of joystick deflection and transitions to normal speed commands above the half way point. Mixed mode is the power on default setting, Use presets 31, 32, & 33 to change the speed mode.

Presets

Pelco presets from 1~29 are converted to Quickset presets.

Other preset commands are converted according to the following table:

<u>Pelco Command</u>	<u>Quickset Command</u>
Preset 30	Reset P/T
Preset 31	Set code translator to slow speed mode
Preset 32	Set code translator to mixed speed mode
Preset 33	Set code translator to fast speed mode
Pgm Preset 34	Temporarily override soft limits.
Pgm Preset 35	Set CW soft limit
Pgm Preset 36	Set CCW soft limit
Pgm Preset 37	Set Up soft limit
Pgm Preset 38	Set Down soft limit

Aux

There are four aux bits, either camera can set or clear any bit.

<u>Pelco Command</u>	<u>Quickset Command</u>
Aux1 On/Off	Activate/De-activate aux 11 output
Aux2 On/Off	Activate/De-activate aux 12 output
Aux3 On/Off	Activate/De-activate aux 21 output
Aux4 On/Off	Activate/De-activate aux 22 output