

SCT-100-Pelco-Quickset-LTC550IR

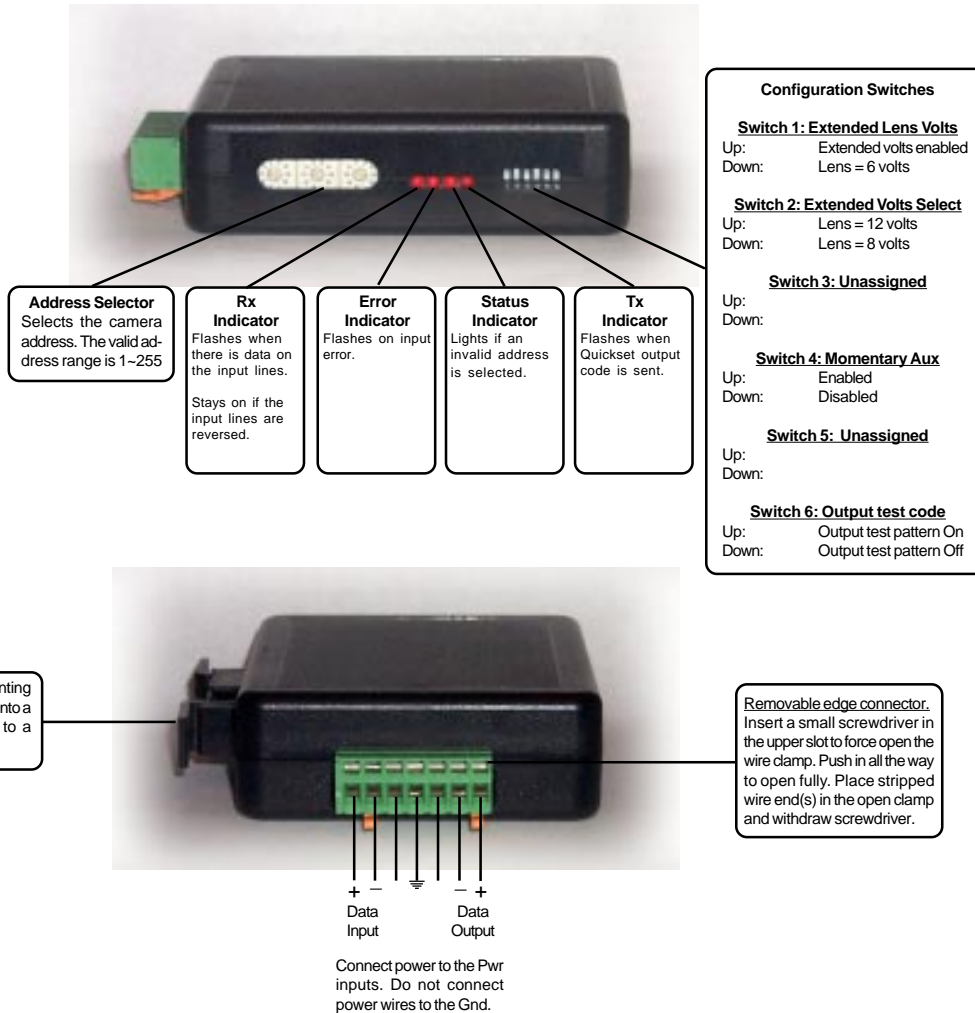
Pelco RS-422 to Quickset RS-422 Code Translator with LTC550 IR Camera Control Commands Ver 1.1

The code translator converts Pelco camera control code to Quickset 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.

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

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 flash for each Quickset packet sent.

OPERATION

Pan, Tilt, Zoom, & Focus

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

Presets

Pelco presets from 1~31 are converted to Quickset presets.

Other preset commands are converted according to the following table:

<u>Pelco Command</u>	<u>Quickset Command</u>
Pgm Pset 34	Temporarily override soft limits.
Pgm Pset 35	Set CW soft limit
Pgm Pset 36	Set CCW soft limit
Pgm Pset 37	Set Up soft limit
Pgm Pset 38	Set Down soft limit

Camera Communications Parameters

<u>Pelco Cmd</u>	<u>Communications</u>	<u>Pelco Cmd</u>	<u>Communications</u>
Set Shot 41	RS-232 @ 9.6k baud	Set Shot 51	RS-422 @ 9.6k baud
Set Shot 42	RS-232 @ 14.4k baud	Set Shot 52	RS-422 @ 14.4k baud
Set Shot 43	RS-232 @ 19.2k baud	Set Shot 53	RS-422 @ 19.2k baud
Set Shot 44	RS-232 @ 28.8k baud	Set Shot 54	RS-422 @ 28.8k baud
Set Shot 45	RS-232 @ 38.4k baud	Set Shot 55	RS-422 @ 38.4k baud
Set Shot 46	RS-232 @ 57.6k baud	Set Shot 56	RS-422 @ 57.6k baud
Set Shot 47	RS-232 @ 115.2k baud	Set Shot 57	RS-422 @ 115.2k baud

LTC 550 Camera Commands

<u>Pelco Cmd</u>	<u>Camera Command</u>	<u>Pelco Cmd</u>	<u>Camera Command</u>
1 Off	Video Polarity White Hot	1 On	Video Polarity Black Hot
2 Off	Toggle video polarity	2 On	Toggle video polarity
3 Off	Auto Shutter Off	3 On	Auto Shutter On

If Momentary Aux switch is On, the above functions work differently; only the On command is converted and it will alternate between the On and Off conversion.

4 Off		4 On	Auto Gain / Level On
5 Off	Decrease Manual Gain	5 On	Increase Manual Gain
6 Off	Decrease Manual Level	6 On	Increase Manual Level