

SCT-100-Pelco-Kalatel

Pelco RS-422 to Kalatel RS-422 Code Translator

The code translator converts Pelco camera control code to Kalatel 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.
The Kalatel output can be Digiplex III @ 2400 or 4800 baud, or Digiplex II @ 2400 or 4167 baud.

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.



Address Selector
Selects the camera address. The valid range is 1-256
(256 = Kalatel camera 0)

Rx Indicator
Flashes when there is data on the input lines.
Stays on if the input lines are reversed.

Error Indicator
Flashes on input error.

Status Indicator
Lights if an invalid address is selected.

Tx Indicator
Flashes when camera control code is sent.

Configuration Switches

Switch 1: Unassigned
Up:
Down:

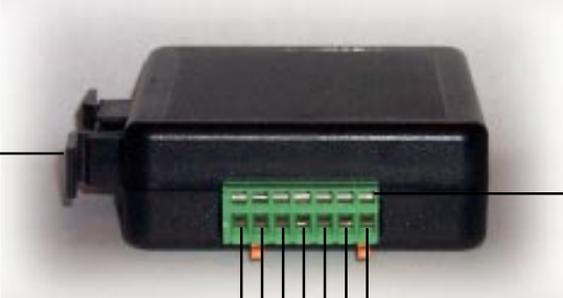
Switch 2: Unassigned
Up:
Down:

Switch 3: Kalatel Code Type
Up: Digiplex II
Down: Digiplex III

Switch 4: Kalatel Baud Rate
Up: 2400
Down: 4800 / 4167

Switch 5: Output Address
Up: Set camera adr to zero
Down: Set camera to switch #

Switch 6: Output test code
Up: Output test pattern On
Down: Output test pattern Off



The removable mounting clip can be snapped onto a din rail or screwed to a panel or wall.

Removable edge connector. Insert a small screwdriver in the upper slot to force open the wire clamp. Push in all the way to open fully. Place stripped wire end(s) in the open clamp and withdraw screwdriver.

+ PWR PWR - +
Data Input Power Output

Connect power to the Pwr inputs. Do not connect power wires to the Gnd.

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.

If switch 5 is Off, the receiver's address should match the code translator address.

If switch 5 is On, set the receiver's address to zero.

Kalatel Code Type and Baud Rate

The default position (switches 3 & 4 Off) is Digiplex III @ 4800 baud.

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 (1~256).

The **Tx** LED flashes for each camera control packet sent.

OPERATION

PTZ

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

Presets

Pelco presets from 1~99 are converted to Kalatel presets

Aux On/Off

Pelco Aux Off and On commands are converted as follows:

<u>Pelco Command</u>	<u>Kalatel Command</u>
Aux 1 On	Auto-pan
Aux 2 On	Auto-focus
Aux 3 Off	Receiver Off
Aux 3 On	Receiver On
Aux 4 Off	Close
Aux 4 On	Open
Aux 5 Off	Slow
Aux 5 On	Fast