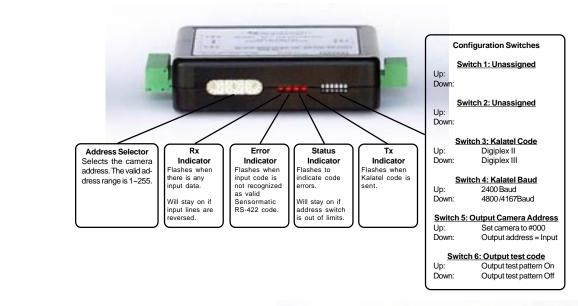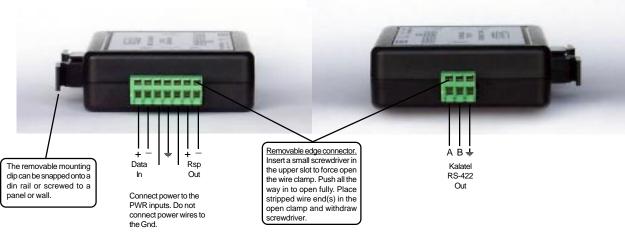# SCT-100-SENSORMATIC-KALATEL
Sensormatic RS-422 to Kalatel RS-422 Code Translator

The code translator converts Sensormatic RS-422 camera control code into Kalatel RS-422 code for a single P/T/Z. Only camera commands for the address matching the Address Selector switches will be converted.

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 Sensormatic controller.

Configuration Switches

Switch 1: Unassigned
Up:
Down:

Switch 2: Unassigned
Up:
Down:

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

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

Switch 5: Output Camera Address
Up: Set camera to #000
Down: Output address = Input

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

Address Selector
Selects the camera address. The valid address range is 1~255.

Rx Indicator
Flashes when there is any input data.

Will stay on if input lines are reversed.

Error Indicator
Flashes when input code is not recognized as valid Sensormatic RS-422 code.

Status Indicator
Flashes to indicate code errors.

Will stay on if address switch is out of limits.

Tx Indicator
Flashes when Kalatel code is sent.

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

+   −   ⏚   +   −
Data In   Rsp Out

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

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

A   B   ⏚
Kalatel RS-422 Out

SPECIFICATIONS

Size: 4.5" x 3.5" x 1.25"
Weight: 0.5 lb
Power: 9Volt to 15Volt AC or DC at 75ma
Environmental: Indoor use only

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

Kalatel Settings
Switches 3 & 4 select Kalatel Digiplex II at 2400 or 4167 baud, or Digiplex III at 2400 or 4800 baud.
Default is both switches down for Digplex III at 4800 baud.

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 #00. 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 it is on constantly, the input wires may be
reversed.

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

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

The **Tx** LED flashes while Kalatel control code is being sent.

OPERATION

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

Additional commands are converted according to the following table.

	SENSORMATIC COMMAND	**KALATEL COMMAND**
Presets		
	Mark Target 1~7	Program preset 1~7
	Go to Target 1~7	Go to preset 1~7
	Define pattern 1	Program preset 8
	Define pattern 2	Progam preset 9
	Run pattern 1	Go to preset 8
	Run pattern 2	Go to preset 9
Autopan		
	Run pattern 3	Autopan
	Peel	Autopan