SCT-100-PANASONIC-KALATEL
Panasonic RS-485 to Kalatel RS-422 Code Translator Ver 2.0

The code translator converts Panasonic RS-485 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.

Panasonic input baud rates from 2400 to 19200 are detected automatically.

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 Panasonic controller.

Address Selector
Selects the camera address.

Valid range is 1~96

Rx Indicator
Flashes when there is any input data.

Error Indicator
Flashes when input code is not recognized as valid Panasonic code.

Status Indicator
Lights if address switch is out of limits.

Tx Indicator
Flashes when Kalatel code is sent

Configuration Switches

Switch 1: Unassigned
Up:
Down:

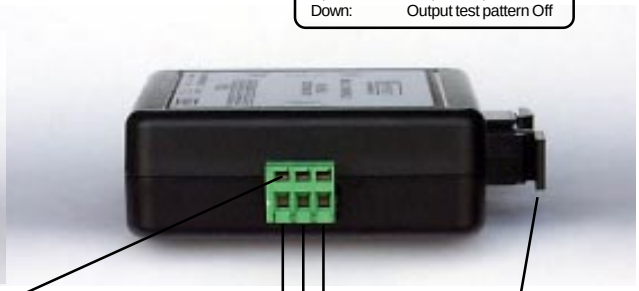
Switch 2: Unassigned
Up:
Down:

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 #0
Down: Output address = Input

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



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

In Out

T T R R G
(A)(B)(A)(B)

Panasonic
Viewed from
contact side

Removable edge connector. 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.

Kalatel
RS-422
Out

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

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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NOTES

Panasonic Settings
Panasonic controller should be set for 4 wire communication.

Switch Settings
Any changes in code translator 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 ON, the output code is always addressed to camera #0. 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 Panasonic code.

The **Status** LED will light if the address switches are not set to a valid Panasonic address (1~96).

The **Tx** LED flashes while sending Kalatal code.

OPERATION

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

Presets
Panasonic presets 1~63 are converted to Kalatel presets 1~63

Additional commands are converted according to the following table.

PANASONIC COMMAND	KALATEL COMMAND
Auto Pan	Auto Pan
Auto Focus	Auto Focus
Aux 1 Off	Receiver Off
Aux 1 On	Receiver On
Aux 2 Off	Door 1 Open
Aux 2 On	Door 2 Open