

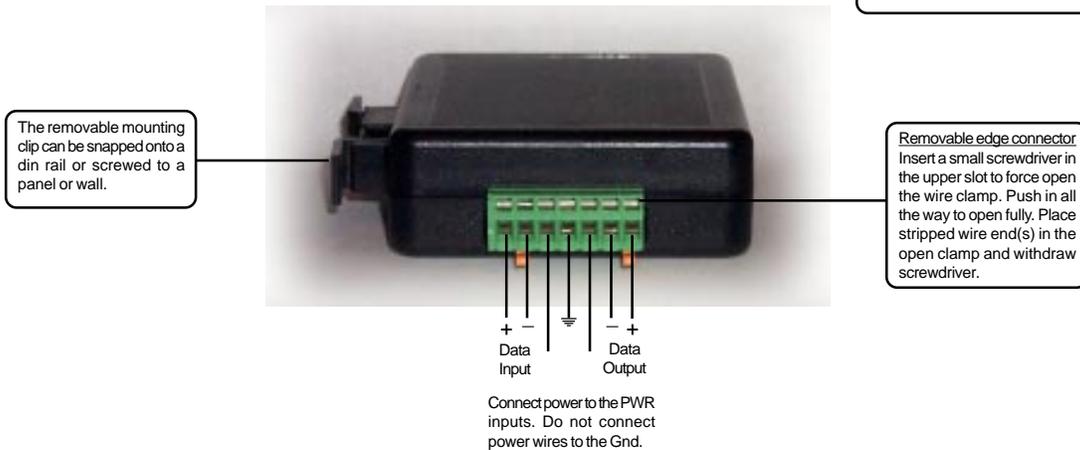
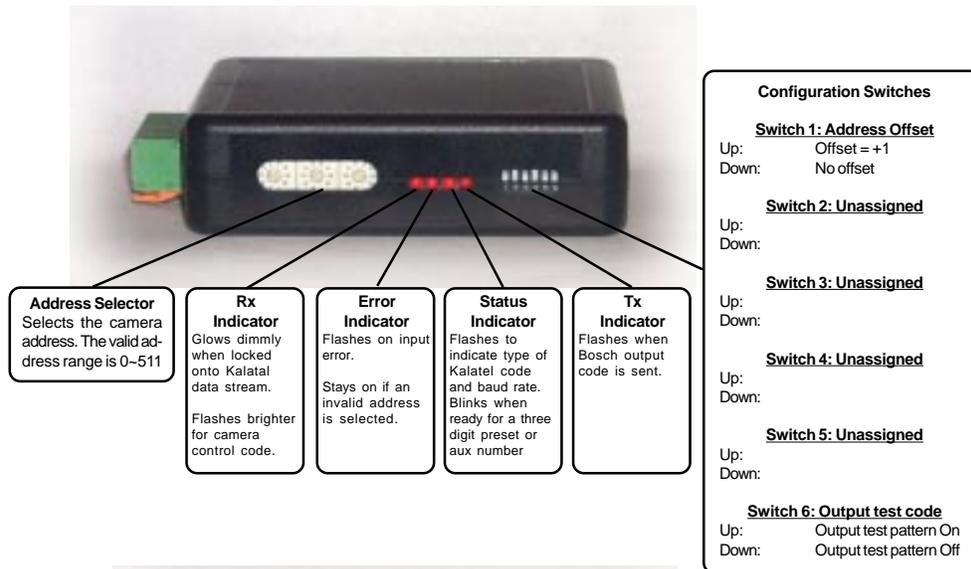
# SCT-100-Kalatel-Bosch

## Kalatel RS-422 to Bosch Biphas Code Translator Ver 1.0

The code translator converts Kalatel camera control code to Bosch biphas code for a single P/T/Z. Only camera commands for the address matching the Address Selector switches will be converted.

Input Kalatel code type and baud rate is 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 Kalatel controller.



### 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

Sennetech, Inc. 6455 W. Bath Rd. Perry, MI 48872, U.S.A. Ph (517) 675-1150 Fax (517) 675-1151

[www.sennetech.net](http://www.sennetech.net)

## NOTES

### **Addressing**

Only camera control code for the camera number set by the Address Switches is converted.  
Set switch 1 On if controller sends data addressed to one number lower than the camera number selected.

### **Indicators**

Even when not controlling a camera, Kalatel sends a continuous stream of data which the code translator automatically locks onto. Once locked, the **Status** LED will flash the type of code found. First, it flashes twice for Digiplex II or three times for Digiplex III. Then it will flash either twice for 2400 baud or four times for 4167 or 4800 baud.

The **Status** LED will blink when the code translator is ready to convert a three digit Aux/Preset number.

While locked, the **Rx** LED will glow at a low level. Whenever camera control data appears, it will flash brighter.

Input code errors will cause the **Error** LED to flash. If the address switches are not set to a valid address (0~511), the **Error** LED will light continuously.

The **Tx** LED flashes once for each Bosch biphase packet sent.

## OPERATION

### **PTZ**

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

### **Autopan**

Kalatel Autopan command is converted into Bosch [On 2] command.

### **Presets**

The maximum Kalatel preset number is 63.

Kalatel presets 1~59 are converted directly into Bosch preset commands 1~59.

Bosch has preset numbers up to 999. some of which are used for special functions.  
Bosch also uses aux On and Off numbers for special functions.

Presets 60, 61, 62, 63 are used to access these functions.

<u>KTD-304</u>	<u>KTD-405</u>	<u>Action</u>
<u>Keyboard</u>	<u>Keyboard</u>	
Set 60	Find 60	Translator ready for 3 digit Bosch Off command
Set 61	Find 61	Translator ready for 3 digit Bosch On command
Set 62	Find 62	Translator ready for 3 digit Bosch Shot preset command
Set 63	Find 63	Translator ready for 3 digit Bosch Set preset command

When one of these Kalatel preset (60~63) commands is sent, the **Status** LED starts blinking to show it is ready to accept three digits. Use [Set ##] or [Find ##] to enter the three digits, the hundreds value, the tens value, and the units value. When the units value is received, the code translator, will send the selected command (Off, On, Shot, or Set) with that total number.

Example:

To send Bosch [Off 90] command to unlock the Dome, send Kalatel [Set/Find 60]. The Status indicator should start blinking. Send Kalatel [Set/Find 00] [Set/Find 09] [Set/Find 00]. The Code translator sends Bosch [Off 90] command. Now that the dome is unlocked, the camera menu can be accessed. To send Bosch [On 46] to activate menu, send Kalatel [Set/Find 61] followed by [Set/Find 00] [Set/Find 04] [Set/Find 06].

If any Kalatel command other than [Set/Find ##] is received, the three digit operation will be cancelled.