



## **SCT-1056**

**CAMERA CONTROL CODE TRANSLATOR  
KALATEL RS-422 to VCL RS-485 Ver. 1.0**

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

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## PRODUCT DESCRIPTION

The SCT-1056 is a Kalatel to VCL control code translator designed to enable a Kalatel system to control cameras that use VCL protocol. It receives Kalatel RS-422 commands and converts them into VCL RS-485 commands. There are four independent VCL outputs.

Camera addresses from 1 to 128 are converted.

Internal switches are used to configure the operation of the code translator. It will accept either Kalatel Digiplex II or Digiplex III at low or high baud rates.

Input and output connections are made with mating screw terminal connectors. Front panel LEDs indicate status of power, receive, and transmit.

There is an optional 19" rack mount panel (one rack unit high).

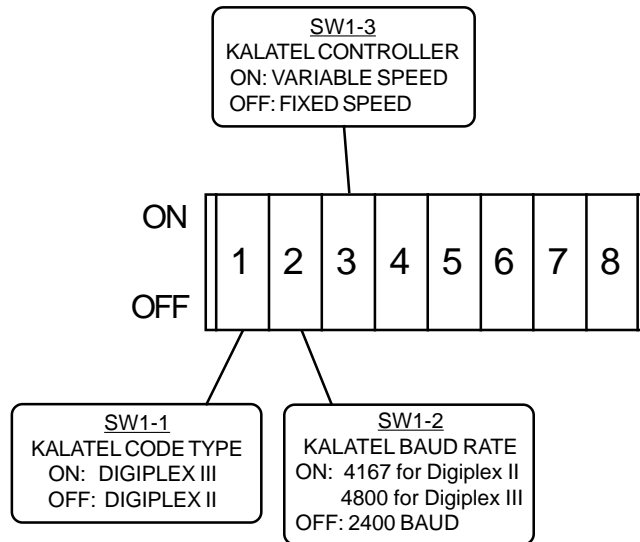
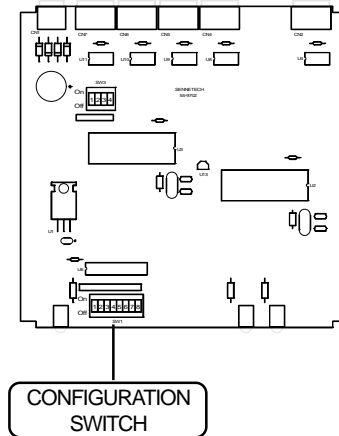
## SPECIFICATIONS

SIZE:	5.57"W x 1.52H x 5.45D
WEIGHT:	1.5 lbs.
POWER:	9Volt to 15Volt AC or DC at 75ma
INDICATORS:	Front panel LEDs: Power, Rx, & Tx
KALATEL INPUT:	(1) mating 3-pin screw terminal connector
VCL OUTPUTS:	(4) mating 3-pin screw terminal connectors

## SETTING THE SWITCHES

To set the configuration switches, remove the back panel, which is secured by two screws. Then slide the cover back to expose the switches.

The switches can be changed while the code translator is powered up and the new settings will take effect immediately.



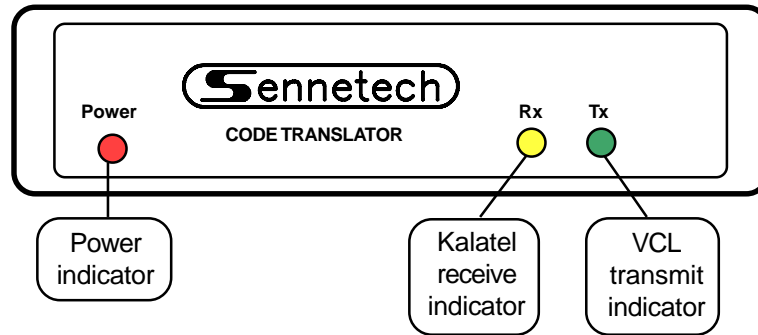
### Configuration notes

Kalatel sends a continuous stream of code. When the code translator "locks on" to the code, the Rx indicator will illuminate. If the Kalatel code parameters are not known, change the Kalatel code type and baud rate switches until the indicator lights up. Then momentarily unplug and re-insert the input connector to confirm a "lock".

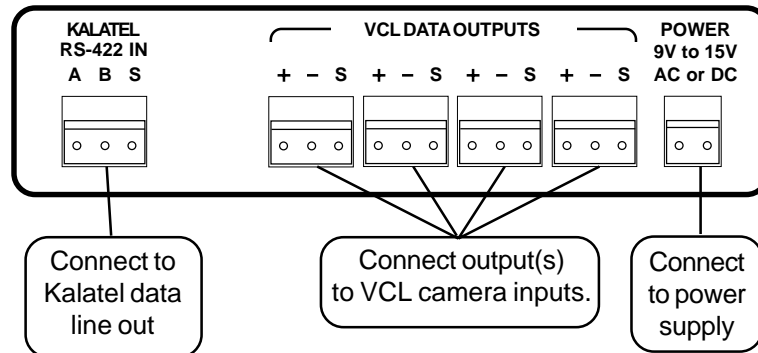
If the Kalatel controller has a vector resolving joystick, such as a KTD-304, set SW1-3 to ON. For Kalatel controllers without variable speed, such as a KTD-301, set SW1-3 to OFF. The pan and tilt speed values can then be adjusted with the [Fast] and [Slow] keys.

## INSTALLATION

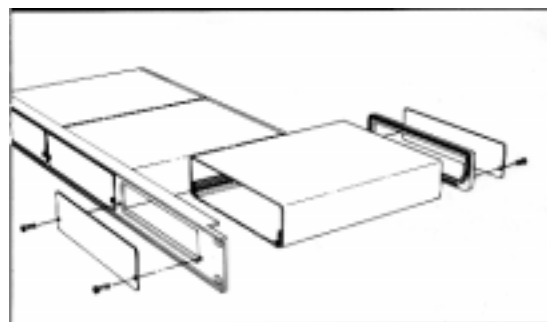
### FRONT PANEL



### BACK PANEL



To install the case on the rack mount frame, remove the front panel and the plastic bezel. The rack mount frame takes the place of the bezel as shown below.





## OPERATION

Pan, Tilt, Zoom, Focus, and Iris commands are converted directly. Other commands are converted as follows:

### Kalatel

Auto  
A/F or Door1

### VCL

Start Autopan  
Autofocus

### **Enabling Kalatel Pre-positions**

If the Kalatel controller beeps when [Set] is pressed, the presets are probably disabled. To access the controller's programming menu, press and hold [Set] for a few seconds until prompted for a code. Then press [5][7][9][Seq]. The beginning of the programming menu should now be displayed on the LCD panel. Advance through the menu until you get to the Preset Enable section.

### **KTD-301 Speeds**

If the code translator is configured for a fixed speed Kalatel controller, the [Slow] and [Fast] keys on the KTD-301 will change the speed value for the Vicon pan and tilt commands. (On power-up, the translator defaults to a medium speed.)

[Slow]

Decrease Speed Value

[Fast]

Increase Speed Value

The KTD-301 cannot simultaneously send commands from keys in the same row or column. Thus, the [Slow] and [Fast] keys will work while pan right is depressed, but [Slow] and pan left will not work at the same time. Likewise, [Fast] will not work while a tilt key is depressed.

