

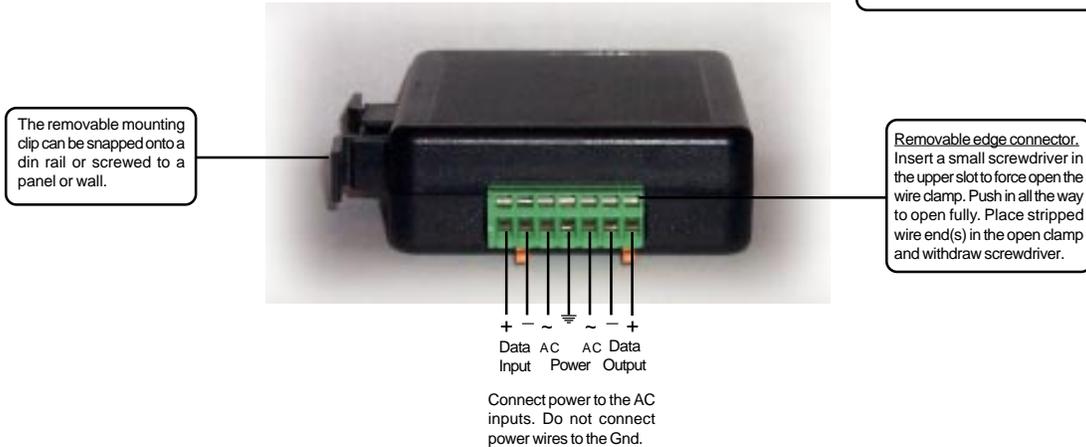
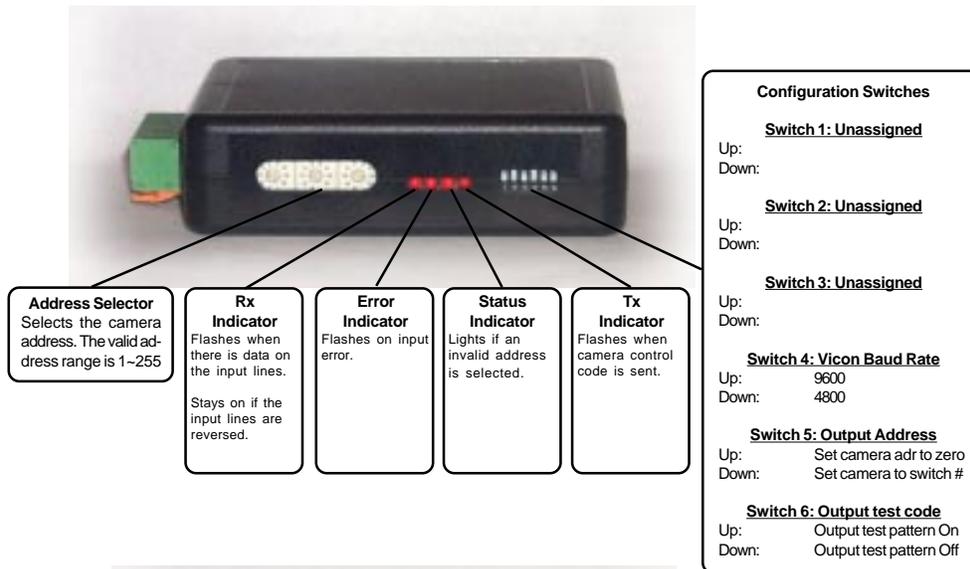
# SCT-100-Diamond-Vicon

## Diamond RS-422 to Vicon RS-422 Code Translator

The code translator converts Diamond camera control code to Vicon code for a single P/T/Z. Only camera control code for the address matching the Address Selector switches is converted.

Input is Diamond code @ 9600 baud. The Vicon output can be 4800 or 9600 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 Diamond controller. The input receiver is disabled during test mode.



### 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.

### **Vicon Baud Rate**

Switch 4 Off for 4800 baud, On for 9600 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 Diamond code.

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

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**

Diamond presets from 1~99 are converted to Vicon presets

### **Aux On/Off**

Diamond Aux On commands are converted as follows:

<u>Diamond Command</u>	<u>Vicon Command</u>
Aux 1 On	Aux 1
Aux 2 On	Aux 2
Aux 3 On	Aux 3
Aux 4 On	Aux 4
Aux 5 On	Aux 5
Aux 6 On	Aux 6
Aux 7 On	Auto Pan
Aux 8 On	Auto Iris
Aux 9 On	Lens Speed
Aux 10 On	Alarm Acknowledge