

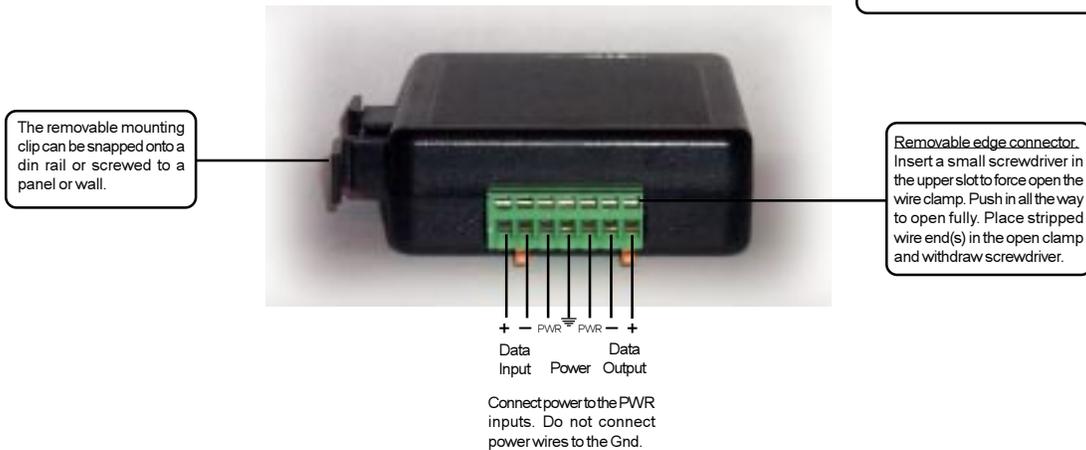
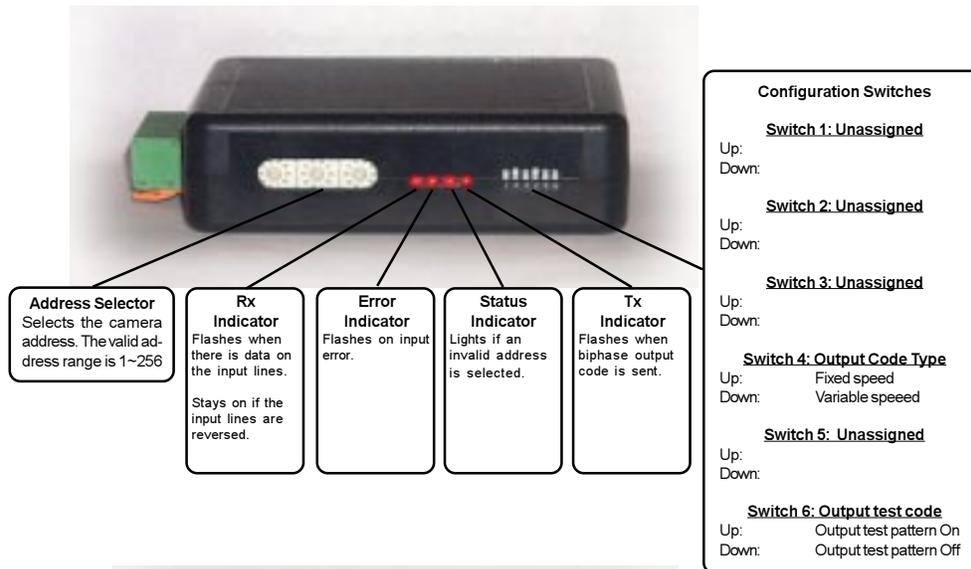
# SCT-100-Pelco-Bosch

## Pelco RS-422 to Bosch Biphas Code Translator ver 1.3

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

Input Pelco "D" or "P" code at 2400, 4800 or 9600 baud 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 Pelco 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

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

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

## 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. The receiver's address should match the code translator address or be set to 0000. Most Bosch receivers will respond to any camera command if the address switch is set to 0000.

### **Output Code Type**

Some older Burle receivers will not accept variable speed code. If sw4 is on, the code translator will send fixed speed commands only.

### **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 Pelco code. The **Status** LED will light if the address switches are not set to a valid address (1~256). The **Tx** LED flashes for each biphase packet sent. While a camera is moving, the indicator will flicker at a high rate.

## OPERATION

### **PTZ**

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

### **Presets**

Pelco presets from 1~64 are converted to Bosch presets,

### **Aux On/Off**

Pelco Aux1 On/Off and Aux2 On/Off commands are converted into Bosch On/Off1 and On/Off 2. To send a higher Bosch On or Off command, first send Aux 8 On or Off, then follow with a preset # that is the same as the Aux # you want to send.

Starting with Version 1.2, all Pelco Aux On/Off commands except # 8 are converted directly into Bosch Aux On/Off commands. For control systems with limited Aux command capability, Aux 8 combined with a preset command can still be used to send higher aux command numbers.

<u>Pelco Command</u>	<u>Bosch Command</u>	<u>Description</u>
Aux 1 On	On 1	Autoscan without limits
Aux 2 On	On 2	Autopan between limits
Aux 8 On + Preset [1~99]	On [1~99]	
Aux 8 Off + Preset [1~99]	Off [1~99]	
Pgm pset 89	Set 899	Restore factory defaults
Pgm pset 90	Set 900	Preset tour menu
Pgm pset 91	Set 100	Preset menu
Pgm pset 92	Set 101	Set autopan left limit
Pgm pset 93	Set 102	Set autopan right limit
Pgm pset 97	On 997	All cameras display addresses
Pgm pset 98	On 998	All cameras enter fast address mode
Pgm pset 99	On 999	Cameras without fast address enter fast address mode.
Program Pattern 1 or 2	On 100 or 101	Start recording A or B
Pattern End	Off 100	End of recording
Run Pattern 1 or 2	On 50 or 52	Playback A or B