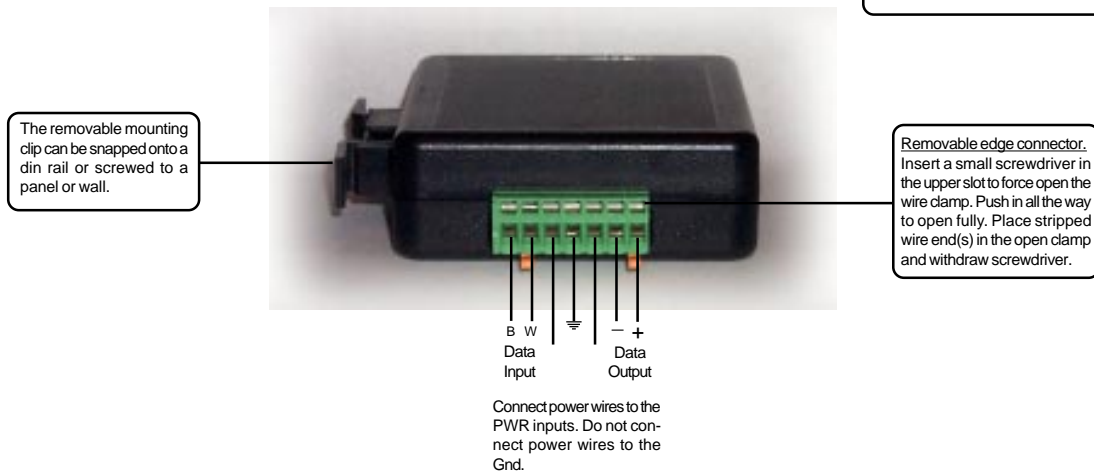
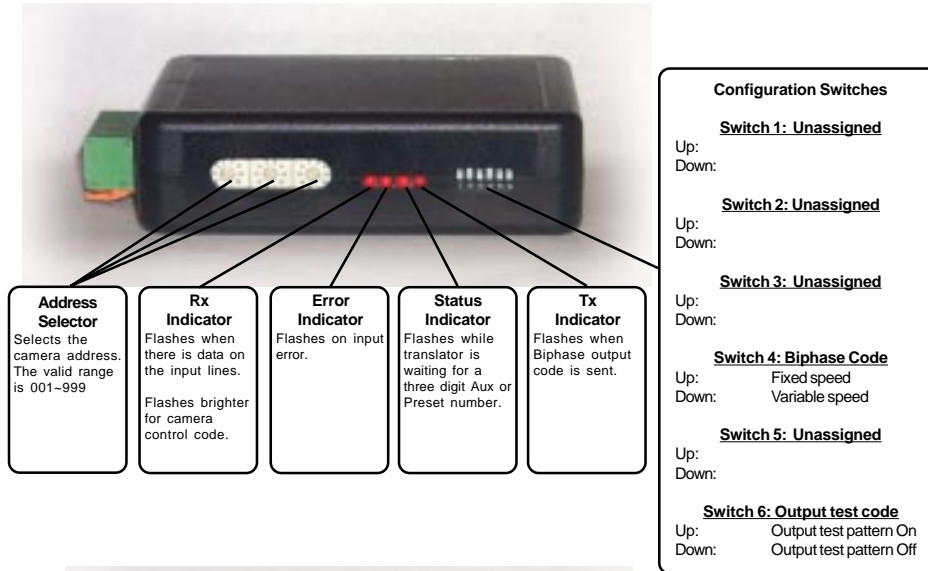


# SCT-100-AD-BOSCH

## AD Manchester to Bosch Biphas Code Translator

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

A test mode sends a continuous square movement pattern to the P/T so the communications from the translator to the P/T can be checked without an AD 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.

Set switch 4 On if connecting to an older Burle receiver/driver that can't accept variable speed code.

### **Addressing**

Only camera control code for the camera number set by the Address Switches is converted. The maximum AD manchester address is 64, the code translator will roll-over the addresses in groups of 64. If the address switches are set to 065, an AD packet addressed to camera #1 will be converted into a biphasic packet addressed to camera # 65.

### **Indicators**

The **Rx** LED will flash when there is data on the input. If the data is camera control code, the flash will be brighter.

The **Error** LED will flash if the input code is not recognized as valid AD manchester code.

The **Status** LED will flash while the translator is waiting for a three digit Aux or Preset number.

The **Tx** LED will flash for each Biphasic packet sent.

## OPERATION

### **PTZ**

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

### **Presets and Aux Commands**

AD manchester code supports a maximum of 72 presets and 3 Aux On/Off commands. Bosch uses preset and auxiliary numbers up to 999.

The code translator converts presets 1 ~71 and Aux commands 1 & 2 directly.

When the highest AD preset [72] or aux [3] is sent, the code translator is ready to accept a three digit number which is entered using the AD "Call Shot" key. The Status LED will flash while the code translator is waiting for the number. The three digits are entered as AD "Call Shot" 1 ~ 10 with being zero. If any other command is sent instead, the Status LED will turn off and the operation is aborted. As soon as the third digit is entered, the code translator will send the Bosch command Off, On, Shot, or Set with the three digit number.

#### **Example:**

To send Bosch Off 90 command to unlock dome so locked cmds and menus can be accessed, send

3 Off	Status LED starts flashing, code translator is ready for three digit number.
10 Call Shot	Code translator accepts 0 as hundreds value.
9 Call Shot	Code translator accepts 9 as tens value
10 Call Shot	Code translator accepts 0 as units value, sends biphasic 90 Off command. Status LED turns off.

To send Bosch On 997 command to momentarily display camera address, send

3 On	Status LED starts flashing, code translator is ready for three digit number.
9 Call Shot	Code translator accepts 9 as hundreds value.
9 Call Shot	Code translator accepts 9 as tens value
7 Call Shot	Code translator accepts 7 as units value, sends biphasic 997 Off command. Status LED turns off.