

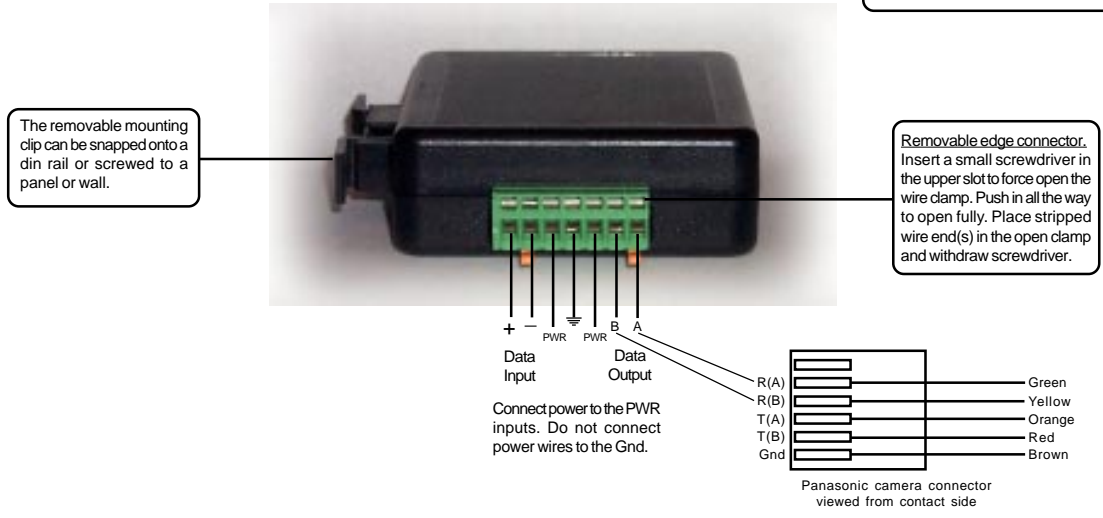
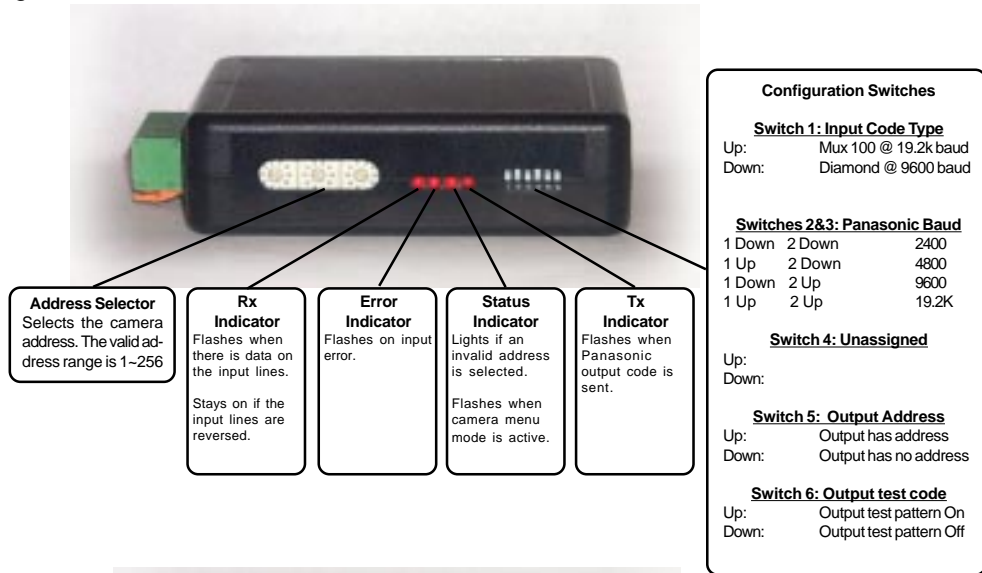
SCT-100-Diamond-Panasonic

Diamond RS-422 to Panasonic RS-485 Code Translator

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

Input code can be selected for Diamond @ 9600 baud or Mux 100 @ 19.2k baud. Output code is selectable from 2400 baud to 19.2K baud. The output is Panasonic conventional protocol either without an address for direct mode or with an address for daisy chain mode.

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

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 Diamond camera number set by the Address Switches is converted.

If switch 5 is Off, the output code does not contain an address. This can be used for direct wiring to a camera and the camera's address switches are ignored.

If switch 5 is On, the output code has the same address as the Diamond camera address. The Panasonic camera's address must be set to the same number. This mode should also be used for operation with a WJ-MP204.

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 (1~256).

The **Tx** LED flashes for each Panasonic packet sent.

OPERATION

PTZ

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

Presets

Diamond preset commands from 1~64 are converted to Panasonic preset commands, Other commands are converted according to the following table.

	<u>Diamond Command</u>	<u>Panasonic Command</u>
Aux	Aux1 On/Off Aux2 On.Off	Aux1 On.Off Aux2 On/Off
Patrol	Recall Preset 81 Run Vectorscan 2 Recall Preset 82 Program Preset 82	Patrol Play Patrol Play Patrol Stop Patrol Learn
(To record a Patrol, send Program preset 82, move the camera through the desired pattern, then send Recall preset 82 to end the recording.)		
Autopan	Recall Preset 91 Run Vectorscan 1 Program Preset 92 Program Preset 93	Autopan On Autopan On Set autopan start position Set autopan end position
SetupMenu	Program Preset 95 or Aux5 On	Activate Camera Setup Menu
(This puts the code translator into menu mode and the status indicator starts flashing The following control functions are in effect, Any non-listed function will send the exit menu command and return the code translator to normal operation.)		
	Pan & Tilt Zoom In Zoom Out	Move cursor Advance to next menu level Return to previous menu level
	Recall Preset 96 or Aux 6 off Recall Preset 97 or Aux 7 off	Set when Special menu refresh is highlighted Set when Special menu camera reset is highlighted
	Recall Preset 95 or Aux5 Off	Exit menu (Return translator to normal operation.)