SCT-100-Vicon-Panasonic
Vicon RS-422 to Panasonic RS-485 Code Translator

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

Input Vicon code can be selected for 4800 baud or 9600 baud
Output code is selectable from 2400 baud to 19.2K baud. The output is Panasonic conventional protocol without a unit address so the camera's address switch does not have to be set.

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 Vicon controller. The input receiver is disabled during test mode.

Address Selector
Selects the camera address. The valid address range is 1~256

Rx Indicator
Flashes when there is data on the input lines.

Stays on if the input lines are reversed.

Error Indicator
Flashes on input error.

Status Indicator
Lights if an invalid address is selected.

Tx Indicator
Flashes when Panasonic output code is sent.

Configuration Switches

Switch 1: Vicon Baud
Up: 9600 baud
Down: 4800 baud

Switch 2: Unassigned
Up:
Down:

Switch 3: Unassigned
Up:
Down:

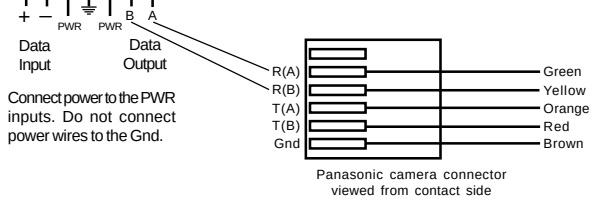
Switches 4 &5: Panasonic Baud

4 Down	5 Down	2400
4 Up	5 Down	4800
4 Down	5 Up	9600
4 Up	5 Up	19.2K

Switch 6: Output test code
Up: Output test pattern On
Down: Output test pattern Off

The removable mounting clip can be snapped onto a din rail or screwed to a panel or wall.

Removable edge connector. Insert a small screwdriver in the upper slot to force open the wire clamp. Push in all the way to open fully. Place stripped wire end(s) in the open clamp and withdraw screwdriver.



Connect power to the PWR inputs. Do not connect power wires to the Gnd.

Panasonic camera connector viewed from contact side

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 camera number set by the Address Switches is converted.

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 Vicon 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
Vicon presets from 1~64 are converted to Panasonic presets,

Autopan
The Vicon [A/P] key sends Panasonic Autopan On.

Other commands are converted according to the following table.

	Vicon Command	Panasonic Command
	90 Pset	Patrol Play
	90 Pgm Pset	Patrol Learn
	91 Pset/PgmPset	Patrol Stop
	92 Pgm Pset	Set autopan start position
	93 Pgm Pset	Set autopan end position
	Aux 1	Decease autopan speed
	Aux 2	Incease autopan speed
		(The speed commands must be sent many times to make a significant speed change.)
SetupMenu	94 Pgm Pset	Activate Camera Setup Menu
	(To navigate the menu use the [Aux] keys	
	[Aux 1]	Cursor Left
	[Aux 2]	Cursor Up
	[Aux 3]	Cursor right
	[Aux 4]	Cursor down
	[A/I]	Select highlighted item
	[L/S]	Return to previous menu
	[Aux 6]	Exit Menu
	(Any pan, tilt, zoom, or focus command will automatically exit the menu.)	