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

PRODUCT DESCRIPTION

The SCT-1045 is a Vicon to VCL control code translator designed to permit control of cameras using VCL code from Vicon VPS series controllers. It receives Vicon RS-422 commands and transmits the appropriate commands in VCL RS-485 code format. There are four independent RS-485 outputs.

The SCT-1045 will appear to the Vicon controller as a group of responding receiver/drivers. Internal switches set the low camera number and the high camera number to which the translator will respond.

The Vicon input can be set for 4800 baud or 9600 baud

Input and output connections are made with mating screw terminal connectors. Front panel LEDs indicate status of power, receive, and transmit.

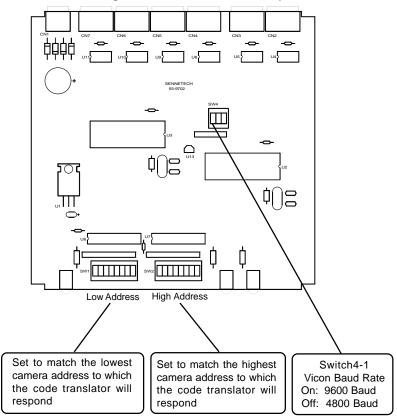
There is an optional 19" rack mount panel (one rack unit high).

SPECIFICATIONS

SIZE: WEIGHT: POWER: INDICATORS: VICON DATA INPUT: VICON RESPONSE OUTPUT: VCL OUTPUTS: 5.57"W x 1.52H x 5.45D
1.5 lbs.
9Volt to 15Volt AC or DC at 75ma
Front panel LEDs: Power, Rx, & Tx
(1) mating 3-pin screw terminal connector
(1) mating 3-pin screw terminal connector
(4) mating 3-pin screw terminal connectors

SETTING THE SWITCHES

To set the configuration switches, remove the back panel, which is secured by two screws. Then slide the cover back to expose the switches. The switches can be changed while the code translator is powered up and the new settings will take effect immediately.



The code translator will appear as a group of cameras to the controller. To prevent interference between the responses from the code translator and any Vicon cameras in the system, set the switches to exclude any Vicon camera addresses.

The chart on the following page shows the switch configuration for each address.

If the Vicon controller can be configured to operate in simplex mode, the response line is not required. Then the address switches can be set to include the maximum 128 VCL addresses.

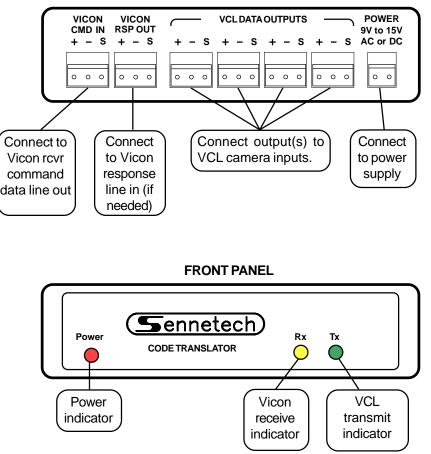
CAMERA ADDRESS SWITCH SETTING CHART

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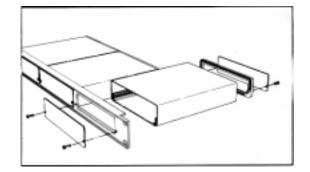
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INSTALLATION



REAR PANEL

To install the case on the rack mount frame, remove the front panel and the plastic bezel. The rack mount frame takes the place of the bezel as shown below.



OPERATION

Vicon Pan, Tilt, Zoom, Focus, and Iris commands are converted to the equivalent VCL commands.

Other commands are converted according to the following table.

Vicon	VCL		
[A/P]	Auto Pan On		
[A/I]	Auto Iris On		
[L/S]	Auto Focus On		
[Aux1]	Pan 180 Degrees		
[Aux2]	Washer On		
[Aux3]	Washer Off		
[Aux4]	Wiper On		
[Aux5]	Wiper Off		
[Aux6]	Manual Change Over		
Run PP 1~99 Pgm PP 1~99	Seek Preset 1~99 Define Preset 1~99		

Presets

SCT-1045 Ver. 1.2