

Sennetech

SCT-1014

CAMERA CONTROL CODE TRANSLATOR
AD MANCHESTER to VICON RS-422 Ver 1.6

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PRODUCT DESCRIPTION

The SCT-1014 is an American Dynamics to Vicon control code translator designed to permit control of Vicon VPS series cameras from AD controllers. It receives AD manchester commands and transmits the appropriate commands in Vicon RS-422 format. There are four independent Vicon outputs.

The SCT-1014 can be configured by setting internal switches to work with either fixed speed or variable speed AD controllers. Tilt sensing can also be reversed for compatibility with AD systems using reverse tilt. The Vicon output can be set to 600, 4800, or 9600 baud.

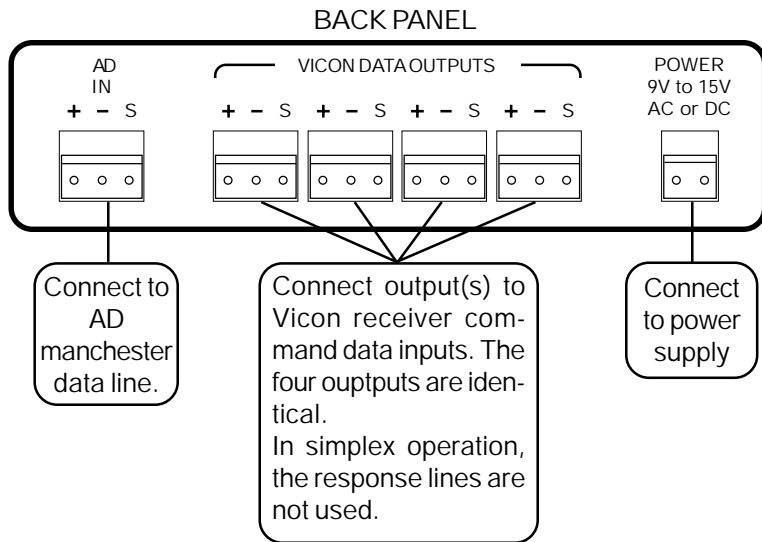
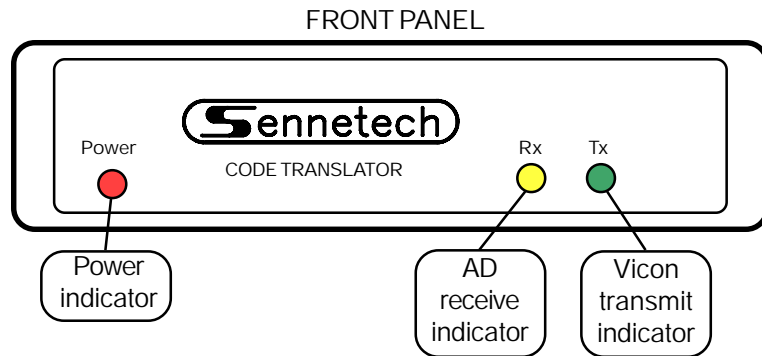
The 64 AD camera addresses can be converted to one of four address blocks so that addresses up to 255 in Vicon receivers can match the camera number in the controller.

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

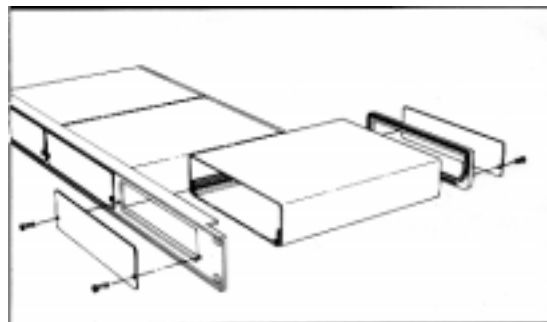
An optional 19" rack mount panel (one rack unit high) is available.

SPECIFICATIONS

SIZE:	5.57"W x 1.52H x 5.45D
WEIGHT:	1.5 lb
POWER:	9Volt to 15Volt AC or DC at 75ma
INDICATORS:	Front panel LEDs: Power, Rx, & Tx,
AD MANCHESTER INPUT:	(1) mating 3-pin screw terminal connector
VICON RS-422 OUTPUT:	(4) mating 3-pin screw terminal connectors



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

The AD camera control commands will be converted to VICON commands according to the following table.

AD COMMAND	VICON COMMAND
PAN LEFT/RIGHT	PAN LEFT/RIGHT
TILT UP/DOWN	TILT UP/DOWN
ZOOM OUT/IN	ZOOM OUT/IN
FOCUS FAR/NEAR	FOCUS FAR/NEAR
IRIS CLOSE/OPEN	IRIS CLOSE/OPEN
1 ON	AUX 1
2 ON	AUX 2
3 ON	LENS SPEED
1 OFF	AUTO PAN
2 OFF	AUTO IRIS
3 OFF	ALARMACKNOWLEDGE
1 SHOT to 49 SHOT	RUN PP1 to PP49
1 SET to 49 SET	PGM PP1 to PP49

NOTE: Shot and Set commands 50 and up are converted to Vicon pre-positions 80 and up for programming the variable speed models of the Surveyor™ Mini Dome System. Add 30 to calculate the pre-position number that the convertor will send.

50 SHOT to 69 SHOT	RUN PP80 to PP99
50 SET to 69 SET	PGM PP80 to PP99

