Sennetech

SCT-1025

**CAMERA CONTROL CODE TRANSLATOR
AD MANCHESTER to SENSORMATIC RS-422 Ver. 1.3**

PRODUCT DESCRIPTION

The SCT-1025 is an American Dynamics to Sensormatic control code translator designed to permit control of Sensormatic cameras from AD controllers. It receives AD manchester format commands and transmits the appropriate commands in Sensormatic RS-422 format. There are four independent RS-422 outputs.

Internal switches select operation with fixed or variable speed AD controllers.

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

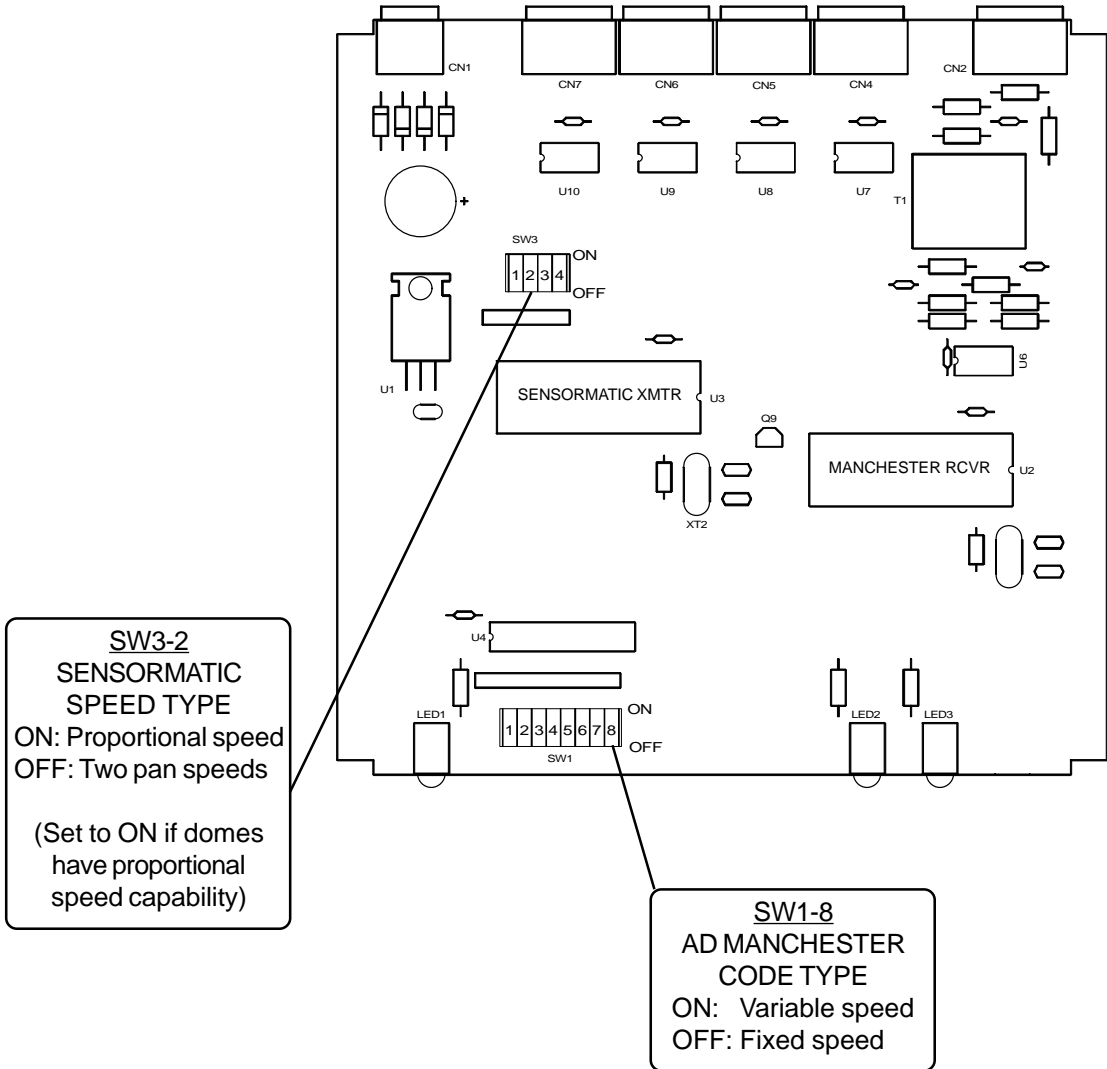There is an optional 19" rack mount panel (one rack unit high).

Version 1.3 changes some commands to more closely match the code from an AD2083-02.

SPECIFICATIONS

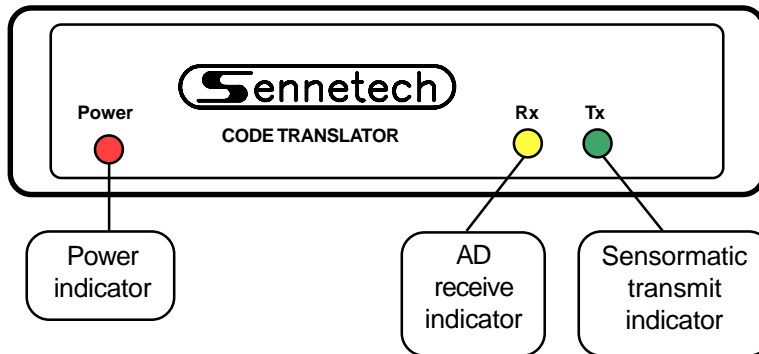|	
SIZE:	5.57"W x 1.52H x 5.45D
WEIGHT:	1.5 lbs.
POWER:	9Volt to 15Volt AC or DC at 75ma
INDICATORS:	Front panel LEDs: Power, Rx, & Tx
AD MANCHESTER INPUT:	(1) mating 3-pin screw terminal connector
SENSORMATIC RS-422 OUTPUTS:	(4) mating 3-pin screw terminal connectors

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.
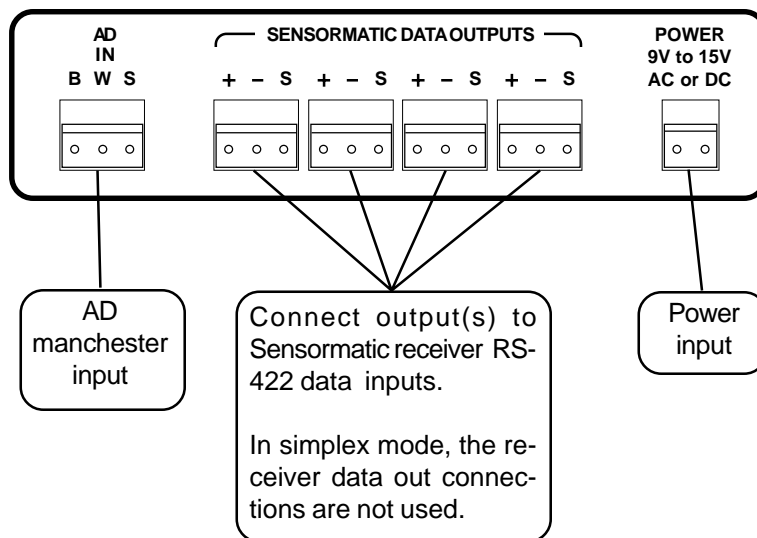

SW3-2
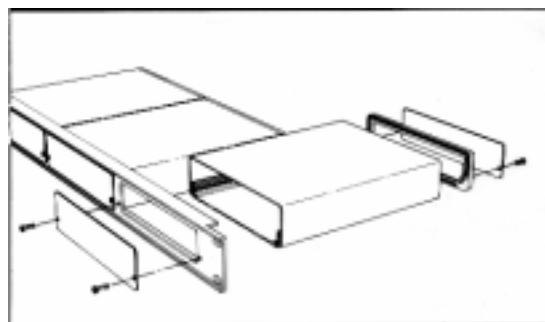SENSORMATIC
SPEED TYPE
ON: Proportional speed
OFF: Two pan speeds

(Set to ON if domes
have proportional
speed capability)

SW1-8
AD MANCHESTER
CODE TYPE
ON: Variable speed
OFF: Fixed speed

INSTALLATION

FRONT PANEL

Power	**Rx** **Tx**

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CODE TRANSLATOR

- Power indicator
- AD receive indicator
- Sensormatic transmit indicator

REAR PANEL

AD IN	SENSORMATIC DATA OUTPUTS	POWER 9V to 15V AC or DC
B W S	+ – S + – S + – S + – S	

- AD manchester input
- Connect output(s) to Sensormatic receiver RS-422 data inputs.

  In simplex mode, the receiver data out connections are not used.
- Power input

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 Pan, Tilt, Zoom, Focus, and Iris commands are converted to the equivalent Sensormatic commands. Additional commands are converted according to the following table.

AD COMMAND	SENSORMATIC COMMAND
1 Call to 7 Call	Call Preset 1 to 7
1 Set to 7 Set	Set Preset 1 to 7
51 Call	Run Pattern 1
52 Call	Run Pattern 2
53 Call	Run Pattern 3
57 Set	Enter V-phase Adjust Mode (use Iris to adjust)
58 Set	Exit V-phase Adjust Mode
65 Set	Reset Dome
66 Set	Dome Configuration Menu
	(Use Pan and Tilt to move the highlight bar, Focus Far to select highlighted item, and Zoom to change values or display next choice.)
65 Call	Home Camera
66 Call	Return to Auto-Iris/Auto-Focus
67 Call	Flip (Camera position 180°)
68 Set	End Pattern Definition
69 Set	Accept (save) New Pattern
70 Set	Define Pattern 1
71 Set	Define Pattern 2
72 Set	Define Pattern 3
70 Call	Auto Repeat Pattern 1
71 Call	Auto Repeat Pattern 2
72 Call	Auto Repeat Pattern 3