

CAMERA CONTROL CODE TRANSLATOR SENSORMATIC RS-422 to BOSCH BIPHASE Ver. 2.1

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PRODUCT DESCRIPTION

The SCT-1010 is a Sensormatic to Bosch biphase control code translator designed to permit control of Bosch cameras from Sensormatic RS-422 controllers. It receives Sensormatic RS-422 commands and converts them to the appropriate Bosch biphase commands. There are four independent biphase outputs.

The code translator will appear to the Sensormatic controller as a group of responding domes. Internal switches set the low camera number and the high camera number to which the translator will respond.

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 2.1 improvements:

Fixes a problem with simultaneous pan and tilt Adds the ability to record and play patterns 1 & 2 Increases the number of presets to whatever the controller can send Adds "pseudo autospeed" for Intellex DVRs

SPECIFICATIONS

SIZE: 5.57"W x 1.52H x 5.45D

WEIGHT: 1.5 lbs.

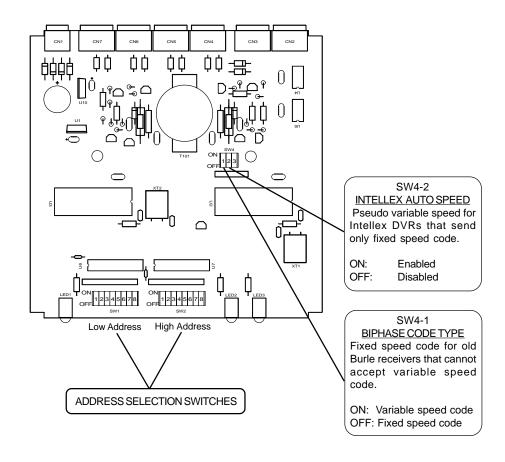
POWER: 9Volt to 15Volt AC or DC at 75ma
INDICATORS: Front panel LEDs: Power, Rx, & Tx
SENSORMATIC DATA IN: (1) mating 3-pin screw terminal connector
SENSORMATIC RSP OUT: (1) mating 3-pin screw terminal connector
BIPHASE OUTPUTS: (4) mating 3-pin screw terminal connectors

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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 address switches have the following values, read from left to right. 1 2 4 8 16 32 64 128

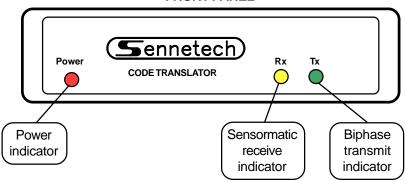
The camera numbers are entered by setting to ON the switches whose values total up to the desired number. For example, to enter the number 141, you would set to ON the switches that have values 128 + 8 + 4 + 1 = 141. The Camera Address Switch Setting Chart shows the settings for camera numbers 1 to 256.

CAMERA ADDRESS SWITCH SETTING CHART

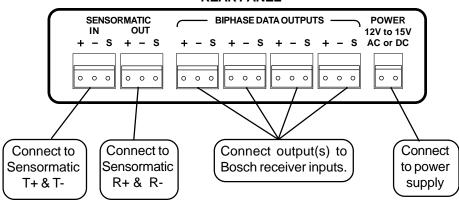
□ -ON □ -OFF			
256	064	128	192
003 004 005	067	131	195 196 197 197 197 197 197 197 197 197 197 197
006	070 071	134	198
008 009	072	136	200 201
010	074	138	202 203 204 204 204 204 204 204 204 204 204 204
013	077	141	205
015	079	143	207
017	081	145 146 147 147 147 147 147 147 147 147 147 147	209 210 211
020	084	148	212 213
022	086	150	214
025	089	153	217 218
027	091	155 156 157 157 157 157 157 157 157 157 157 157	219
029 030 031	093	157	222 223
032	096	160	224
034	098	162	226
037	101	165	229 230 230
039	103 104 115 115 115 115 115 115 115 115 115 11	167	231 232 233 233 233 233 233 233 233 233
042	106	170	234 235
044	108 109 110 110 110 110 110 110 110 110 110	172	236 237 238 238
047	111 112 113 113 113 113 113 113 113 113	175 176 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	239 240
049	113 114 115 115 115 115 115 115 115 115 115	177	241 242 243 243 243 243 243 243 243 243 243
052	116	180	244 245
054	118 119 119 119 119 119 119 119 119 119	182	246
057	121 122 1	185	249
059	123 124 125 125 125 125 125 125 125 125 125 125	187	251
062	126	190	253 254 255 255 255 255 255 255 255 255 255

INSTALLATION

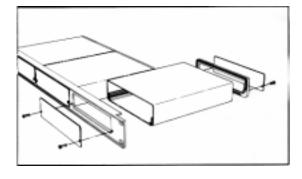
FRONT PANEL



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

Sensormatic Pan, Tilt, Zoom, Focus, and Iris commands are converted to the equivalent Bosch commands.

Presets

The number of preset commands (store and recall) is limited only by the controller.

Patterns

SENSORMATIC COMMAND
Define Pattern 1
Start Recording A
Define Pattern 2
End Pattern
Run Pattern 1
Playback A
Run Pattern 2
Playback B
Peel or Run Pattern 3

BOSCH COMMAND
Start Recording A
Start Recording B
End Recording
Playback A
Playback B
Auto-Pan

Intellex Auto Speed

When the 422 Dome protocol is selected, many Intellex DVRs send only fixed speed pan and tilt commands. If configuration Switch 4-2 is ON, the code translator can provide limited variable speed control.

Using the secondary camera controls, click on the cursor origin mark in the center of the picture. Drag the cursor in the desired direction. As the cursor is dragged farther, the Intellex sends another direction command and the code translator increases the speed. When the mouse button is released, the motion will stop.

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