# Sct-1075

CAMERA CONTROL CODE TRANSLATOR SENSORMATIC RS-422 to PANASONIC RS-485 Ver. 1.0

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SCT-1075 Ver. 1.0

#### PRODUCT DESCRIPTION

The SCT-1075 is a Sensormatic RS-422 to Panasonic RS-485 camera control code translator designed to permit control of Panasonic cameras from Sensormatic controllers. It receives Sensormatic RS-422 commands and transmits the appropriate commands in Panasonic RS-485 code format.

Input and response are Sensormatic RS-422 at 4800 baud.

Panasonic RS-485 output is switch-selectable from 2400 to 19.2k baud. There are four independent outputs.

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

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

### **SPECIFICATIONS**

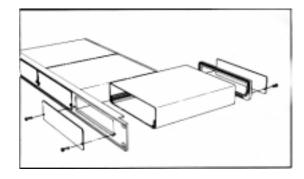
SIZE: 19"W x 1.75H x 5.45D

WEIGHT: 1.5 lbs.

POWER: 9Volt to 18Volt AC or DC at .75 Watts

INDICATORS: Front panel LEDs: Power, Rx, Tx, and Status SENSORMATIC RS-422 INPUT: (1) 3-pin mating screw terminal connector SENSORMATIC RS-422 RESPONSE: (1) 3-pin mating screw terminal connector PANASONIC RS-485 OUTPUTS: (4) 3-pin mating screw terminal connectors

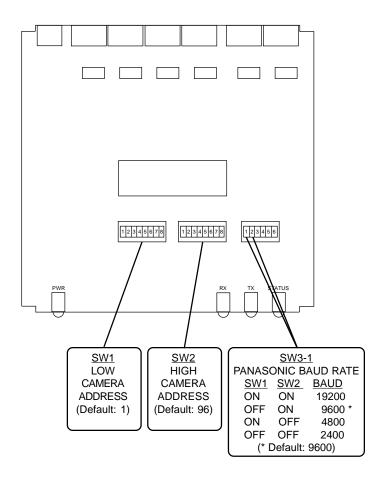
To install the case on the rack mount frame, remove the front panel and the plastic bezel. The rack mount frame takes the place of the bezel as shown below.



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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.

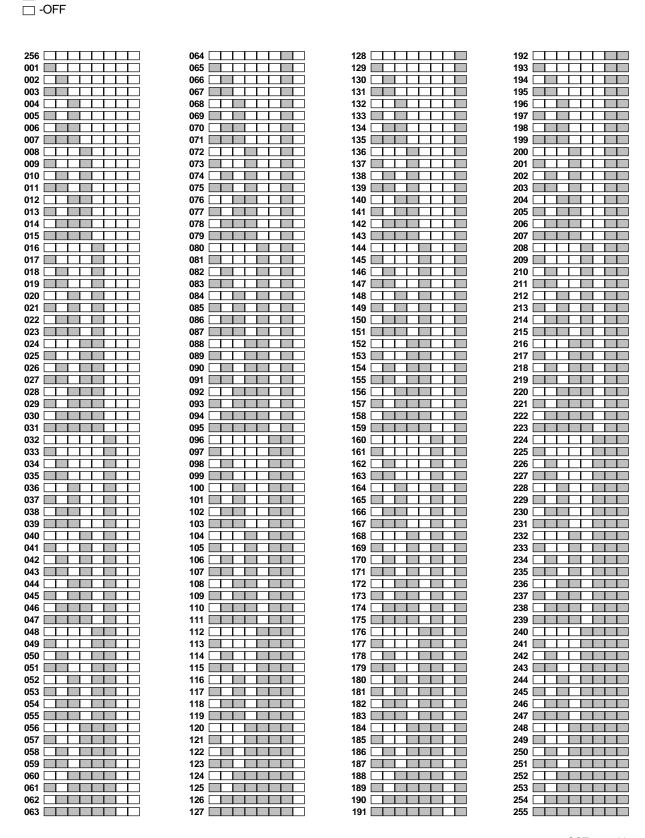


The code translator will send responses and translate code only for the group of camera numbers set by the lowest and highest camera address switches.

The switches should be set to exclude the addresses of any Sensormatic cameras in the system in order to avoid conflict on the response lines.

#### **CAMERA ADDRESS SWITCH SETTING CHART**

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#### **INSTALLATION**

#### FRONT PANEL **∍**ennetech Rx Тx Status CODE TRANSLATOR RS-485 Power RS-422 Status indicator receive transmit indicator indicator indicator **REAR PANEL SENSORMATIC** PANASONIC OUTPUTS **POWER** 9V to 15V - s + - S A B S ABSABS ABS AC or DC 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 Connect output to Connect to Connect to Connect Sensormatic Sensormatic Panasonic camera to power RS-485 terminals. controller controller supply transmit response + to R (A) - to R (B) out in

The Rx LED will light when there is any data on the input lines.

The Status LED will flash if the input data is not recognized as valid Sensormatic data. If it is on constantly, then the input wires are probably reversed.

The Tx LED flashes when Panasonic output code is being sent.

Even though the code translator connects to the Panasonic cameras with only two wires, configure the cameras for four wire operation so that they will not respond on the same pair of wires.

The Panasonic cameras should be set to four wire operation.

### **OPERATION**

## PTZ

The code translator converts Sensormatic Pan, Tilt, Zoom, Focus, and Iris commands directly into Panasonic commands.

Additional commands are converted according to the following table (from a TouchTracker controller).

	SENSORMATIC COMMAND	PANASONIC COMMAND
Presets	Define Quick View 1~4 Quick View 1~4 Note: Presets are not available when use	Program Preset 1~4 Go to Preset 1~4 d with an AD 2083-02 code translator.
Autopan	Run Pattern 1	Autopan
Patterns	Define Pattern 2 End of Pattern Run Pattern 2	Patrol Learn Patrol Stop Patrol Play
Auto Iris	Iris Open + Iris Close	Auto Iris
Auto Focus	Flip	Auto Focus

# **Dome Setup Menu**

In a Sensormatic system, multiple keystrokes are required to activate the configuration menu. Press and hold Iris Open, then press and hold Focus Near or Focus Far, and then press Zoom Out

While the menu is displayed, use the Tilt to navigate and Pan to change the selection value.

Focus Far Advance to Next Highlighted Menu Focus Near Return to Previous Menu

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