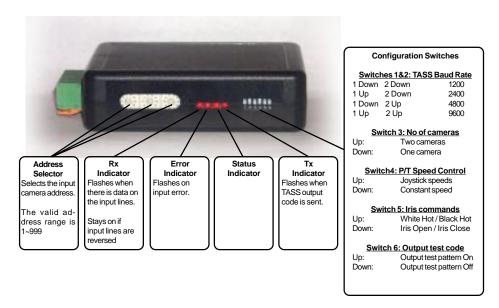
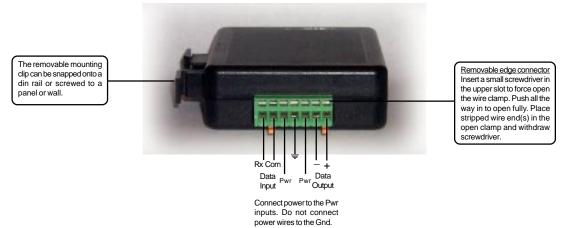
# SCT-200-Bosch232-TASS Bosch RS-232 to TASS RS-422 Camera Code Translator

The code translator converts Bosch RS-232 camera control code into Tass RS-422 code for one or two cameras on a single Pan/Tilt unit.

Bosch RS-232 input baud rates from 2400 to 19200 is detected automatically. TASS RS-422 output can be set for 1200, 2400, 4800, or 9600 baud.

A test mode sends a continuous square movement pattern to the P/T/Z so the wiring and addressing between the translator and the P/T/Z can be checked without a Bosch controller.





## **SPECIFICATIONS**

Size: 4.5" x 3.5" x 1.25"

Weight: 0.5 lb

Power: 9Volt to 15Volt AC or DC at 75ma

Environmental: Indoor use only

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#### **NOTES**

The configuration switches can be changed with power on, the changes take effect immediately.

## Input

The code transaltor will automatically dectect the input Bosch RS-232 baud rate from 2400 baud to 19200 baud. The **Error** LED will flash during the detection process.

## Output

The TASS output code baud rate is switch selectable from 1200 baud to 9600 baud.

#### Addressing

Switch 3 determines whether the code translator will convert commands for only one camera address or two camera addresses: Off = 1 camera, On = 2 cameras.

Set the address switches for the first Bosch camera address, if there is a second camera, it will be the next higher Bosch address.

The lower address is assumed to be a Thermal Imager, the higher address is a Visible Camera.

## Pan/Tilt Speed control

Switch 4 determines the type of speed control, Off = constant speed, On = Joystick variable speed commands.

#### Iris Commands

Switch 5 determines how Iris commands are converted: Off = Iris Open & Iris Close, On = White Hot & Black Hot.

#### Indicators

The Rx LED indicates the presence of input data

The **Error** Led flashes if the code translator doesn't recognize the input data.

The **Status** Led is unassigned

The **Tx** LED flashes for each TASS packet sent.

#### **Test Mode**

While the test mode (switch 6) is On, the code translator send a continuous square movement pattern to the pan/tilt unit; [pan right - tilt down - pan left - tilt up]. This can be useful for the installer to confirm communications between the code translator and the pan/tilt unit. The switch must be turned off to return to normal operation.

## **OPERATION**

Bosch pan and tilt commands are converted into TASS pan and tilt commands.

Bosch lens commands are converted into TASS zoom, focus, and iris commands.

Bosch presets 1~10 are converted into TASS presets 0~9.

Additional commands are converted according to the following table:

Bosch Cmd On 2	Tass Cmd Autopan	Bosch Cmd	Tass Cmd
On 8	Device Power On	Off 8	Device Power Off
On 9 On 20	Polarity White Hot Wide Field of View	Off 9 Off 20	Polarity Black Hot Narrow Field of View
O.1. 20	Wide Field of View	O.1. 20	ranow riola or view
On 101	Autopan left limit		
On 102	Autopan right limit		
Shot 11	Toggle cam		
Shot 20~35 Shot 40~55	Set Constant pan speed 0~15 Set Constant tilt speed 0~15		
Shot 40~33 Shot 60~75	Set Auto movement speed 0~15		