

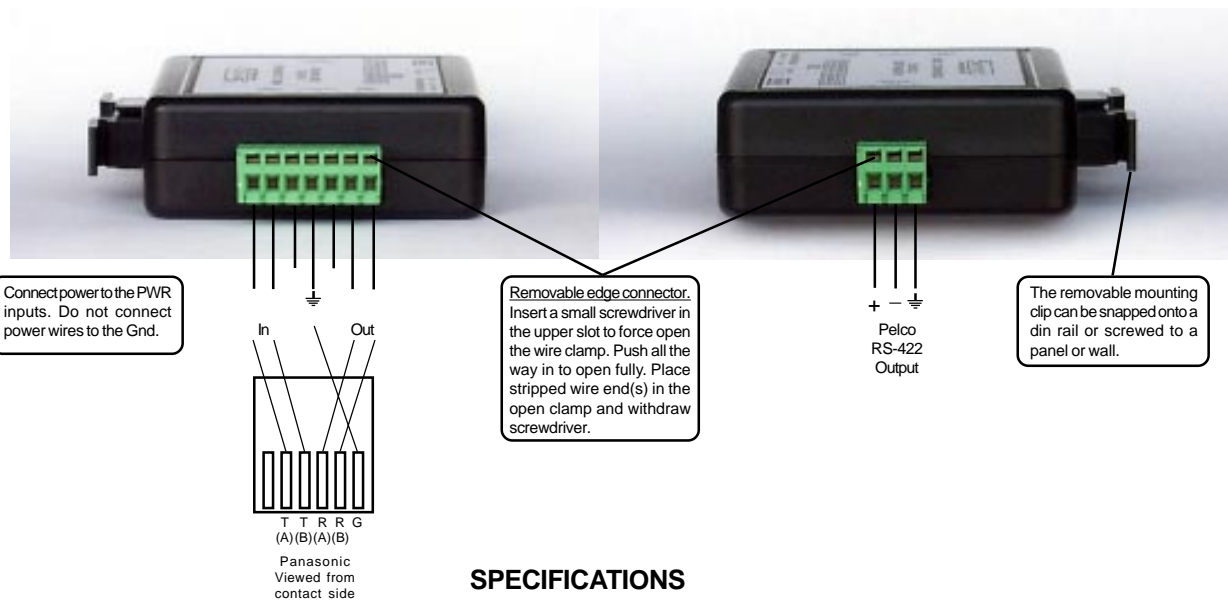
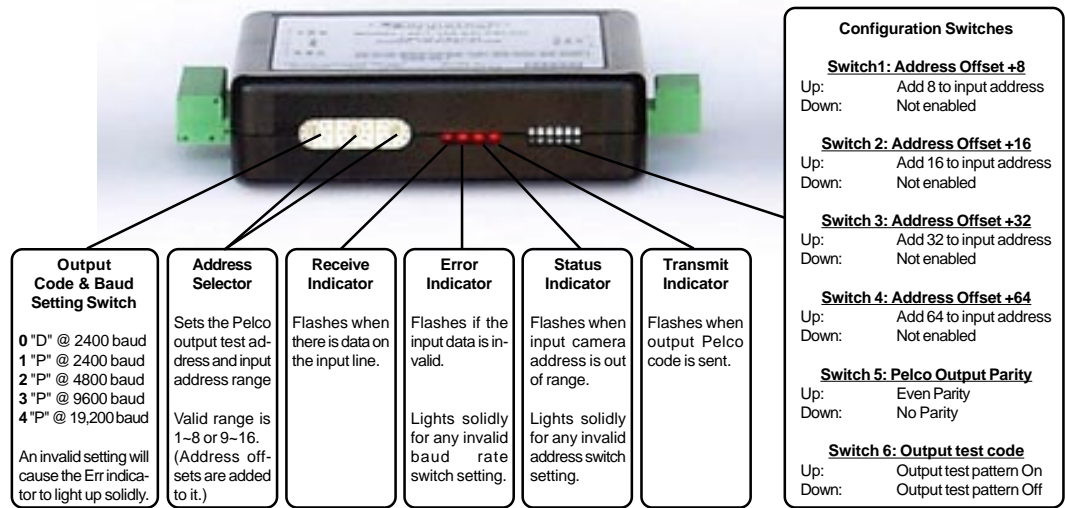
SCT-PANASONIC-8-PELCO-NVTI

Panasonic RS-485 to Pelco RS-422 Code Translator

The code translator converts Panasonic RS-485 camera control code into Pelco RS-422 code for up to eight P/T/Zs. Pelco output addresses can be offset from the input addresses in multiples of 8.

Panasonic input baud rates from 2400 to 19200 are detected automatically. The Pelco output can be "D" code at 2400 baud or "P" code from 2400 to 19200 baud. The output can also be set to even parity which is required by some Pelco devices, such as a CM9760CXT.

A test mode sends a continuous square movement pattern to the P/T/Z so communication between the translator and the P/T/Z can be tested without a Panasonic 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

Panasonic Controller Settings: Panasonic controller should be set for 4 wire communication.

Switch Settings: Any changes in code translator switch settings are effective immediately, they are not read only on power up.

Camera Addressing: Input code for eight cameras (1 ~ 8) or (9 ~ 16) is translated. The range is determined by which group the test address switch is in.

The address offset switches can be used to control Pelco cameras with addresses above the Panasonic input addresses. Each offset switch adds a number to the input address before it is sent to the Pelco camera. Example: Switches 1 & 3 On; +8 +32 = +40. Panasonic commands for camera #1 will be sent to Pelco camera #41.

Test Mode: When the test switch is on, the translator will send a square motion pattern to the Pelco camera # determined by the test address switches (1 ~ 8) or (9~16) (+ address offsets).

Indicators

The **Rx** LED will flash when there is data on the input.

The **Error** LED will flash if the input code is not recognized as valid Panasonic code.

It will light continuously if an invalid output baud rate is selected.

The **Status** LED will flash if data is received for camera addresses other than in the selected range.

It will light continuously if the code translator's address switches are set to other than 1 ~ 16.

The **Tx** LED flashes once for each Pelco packet sent.

OPERATION

PTZ

The code translator converts pan, tilt, zoom, focus and iris code directly into Pelco code

Presets

Panasonic preset range is 1~64, Pelco preset range is 1~99. In order to be able to access Pelco presets up to 99, the code translator automatically adds [40] to all preset numbers 40 and up. Thus Panasonic preset 40 will be converted to Pelco preset 80, and preset 59 will become preset 99.

Additional commands are converted according to the following table.

<u>PANASONIC COMMAND</u>	<u>PELCO COMMAND</u>
Auto Pan	Preset 99 (Autopan)
Auto Iris	Auto Iris On
Auto Focus	Auto Focus On
Wiper On/Off	Aux 1 On/Off
Aux 1 On/Off	Aux 1 On/Off
Aux 2 On/Off	Aux 2 On/Off
Patrol Learn	Record pattern
Patrol Stop	End pattern recording
Patrol Play	Run pattern
Backlight Comp On/Off	Backlight Comp On/Off

NVTI Commands

Pset 25	21 On	On
Pset 26	21 Off	Off
Pset 34	22 On	Polarity On
Pset 35	22 Off	Polarity Off
Pset 27	23 On	Symbology On
Pset 28	24 On	Set time/date
Pset 30	25 On	Color menu