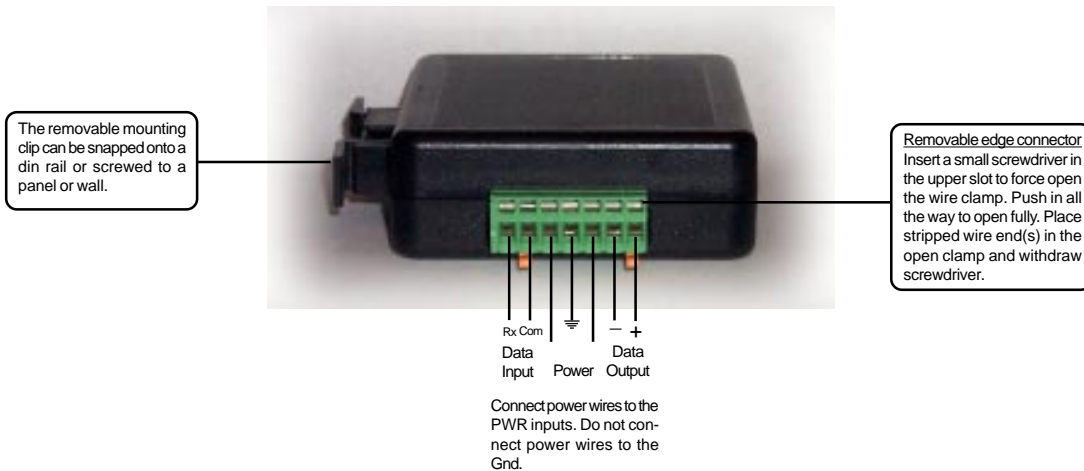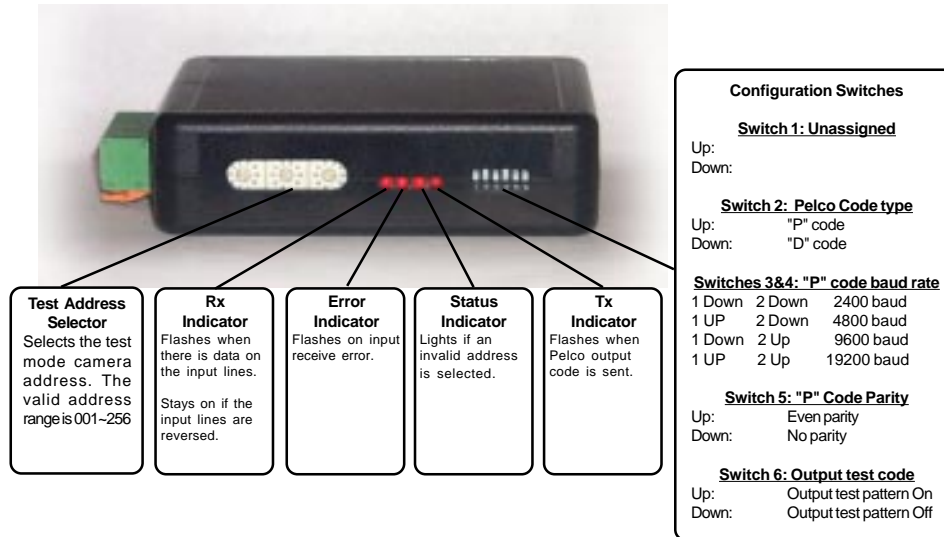# SC-100-ASCII-Pelco
Pelco ASCII to Pelco RS-422 Code Convertor

The code convertor converts Pelco ASCII protocol into Pelco RS-422 code.

ASCII input is 9600 baud Odd parity.

Pelco output can be set to "P" code from 2400 to 19200 baud with even or no parity, or it can be "D" code at 2400 baud with no parity.

A test mode sends a continuous square movement pattern to the P/T so the communications from the translator to the P/T can be checked without an ASCII input. The input receiver is disabled during test mode.

Configuration Switches

Switch 1: Unassigned
Up:
Down:

Switch 2: Pelco Code type
Up: "P" code
Down: "D" code

Switches 3&4: "P" code baud rate

1 Down	2 Down	2400 baud
1 UP	2 Down	4800 baud
1 Down	2 Up	9600 baud
1 UP	2 Up	19200 baud

Switch 5: "P" Code Parity
Up: Even parity
Down: No parity

Switch 6: Output test code
Up: Output test pattern On
Down: Output test pattern Off

Test Address Selector
Selects the test mode camera address. The valid address range is 001~256

Rx Indicator
Flashes when there is data on the input lines.

Stays on if the input lines are reversed.

Error Indicator
Flashes on input receive error.

Status Indicator
Lights if an invalid address is selected.

Tx Indicator
Flashes when Pelco output code is sent.

The removable mounting clip can be snapped onto a din rail or screwed to a panel or wall.

Removable edge connector
Insert a small screwdriver in the upper slot to force open the wire clamp. Push in all the way to open fully. Place stripped wire end(s) in the open clamp and withdraw screwdriver.

Rx Com
Data Input   Power   Data Output

Connect power wires to the PWR inputs. Do not connect power wires to the Gnd.

SPECIFICATIONS

Size: 4.5" x 3.5" x 1.25"
Weight: 0.5 lb
Power: 9~15Volt AC or DC at 75ma (24Volt optional)
Environmental: Indoor use only

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Switch Settings

Any changes in switch settings are effective immediately, they are not read only on power up.

Addressing

Upon power up and during test mode, the camera address is set by the Test Address Selector Switches. This address will be used intil an ASCII input is received with new address information.

Indicators

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

The **Error** LED will flash on input receive errors, ie wrong baud rates, etc

The **Status** LED will light will glow dimmly if the selected test address is not in the valid range of 001 to 256

The **Tx** LED will flash for each Pelco packet sent.

OPERATION

PTZ

Pelco ASCII pan, tilt, zoom, focus, and iris commands into equivalent Pelco RS-422 commands

Also supported are program preset, goto preset, record pattern, end pattern recording, run pattern, Aux On, and Aux Off