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Installation & Wiring Instructions

STV-04 / STV-08 4 & 8 Camera 12VDC / 24VAC CCTV Power Supplies

Note: This installation should be made by a qualified service person and should conform with all local codes.

About the Unit:

- 110 Volts AC input
- 12 Volts DC output @ 2.5Amps or 24VAC output @ 4.0Amps
- **STV-04:** 4 camera outputs
- **STV-08:** 8 camera outputs
- Each output fused at 1.1 Amps with Stealth's self-restoring *SmartFuses*.
- LED indication of AC power and DC power.
- Optional AC disable feature to protect 12VDC cameras
- Dimensions: 7 x 8 x 3 ½ inches.

1) Select a dry, secure location to mount the unit. Be sure to remove any knockouts that you intend to use before permanently mounting the cabinet.

2) Place the cabinet on the wall and mark the screw locations. Set the cabinet aside and drill guide holes for the provided wood screws.

3) Place the cabinet on the wall and secure with the provided screws.

4) Plug the power cord (on UL models) or connect the flying leads on the transformer (non-UL models) into an unswitched 120V AC outlet. Do not connect cameras at this time.

5) **Ensure that your application is either AC or DC and slide the switch in the upper middle of the board into the proper position (AC or DC).** Without cameras connected, power up the unit. If you have selected AC output, both LEDs will glow. If you have selected DC output, only 1 LED will glow. After ensuring the proper output turn the unit off.

6) Connect the cameras to the terminals labeled 1+, 1-, etc. Polarity is not important for AC cameras, but *is critical* for DC cameras. Up to 8 cameras can be connected to each board.

7) If you selected the DC output, you may cut jumpers JP1 and JP2 on the upper right side of the PCB in order to disable the AC option on the board. This step is not necessary, but is a valuable option in protecting your DC cameras from a service tech or installer from inadvertently switching AC power onto your DC cameras at a later time or date.

8) For DC applications, the voltage may be adjusted by turning the potentiometer R1 at the top left of the board. In most cases, this will not be necessary. You may want to adjust the voltage upwards (clockwise) if you have a long cable run, which could cause a voltage drop at the camera. **Be careful not to adjust the voltage higher than allowed for by the specifications of the cameras. Otherwise damage may result.**

It is your responsibility to conform to all applicable codes.

