

**ALTV164**

CCTV Camera and Accessory Power Supply

Overview:

Altronix ALTV164 CCTV Power Supply is designed to power CCTV cameras and accessories. It provides 16VAC @ 6A or 18VAC @ 5A supply current, distributed via four (4) fuse protected outputs

Specifications:

Input:

- Input 115VAC 50/60Hz, 0.9A.

Output:

- 16VAC @ 6A or 18VAC @ 5A supply current.
- Four (4) individual fuse protected outputs.
- Surge protection.

Fuse Ratings:

- Output fuses are rated @ 3.5A/250VAC (Fig. 1).
- Main fuse is rated @ 10A/250VAC (Fig. 1).

Visual Indicators:

- AC power LED indicator.

Additional Features:

- Power ON/OFF switch.
- Spare fuse included.
- Unit maintains camera synchronization.
- Ease of installation saves time and eliminates costly labor.

Enclosure Dimensions (H x W x D):

8.5" x 7.5" x 3.5"

(215.9mm x 190.5mm x 88.9mm).

Optional: available with 220VAC input.

Order model # ALTV164220.

Installation Instructions:

1. Mount unit in the desired location.
Mark and predrill holes in the wall to line up with the top two keyholes in the enclosure. Install two upper fasteners and screws in the wall with the screw heads protruding. Place the enclosure's upper keyholes over the two upper screws; level and secure. Mark the position of the lower two holes. Remove the enclosure. Drill the lower holes and install the three fasteners. Place the enclosure's upper keyholes over the two upper screws. Install the two lower screws and make sure to tighten all screws (*Enclosure Dimensions*, pg. 2).
Secure enclosure to earth ground.
2. Slide switch on PD board to OFF position (Fig. 1).
3. All units are factory set for 16VAC operation.
For 18VAC operation adjust unit prior to mounting and applying power as follows:
Change the wire position so that the black wire [18V] is connected to the terminal marked [P] and the yellow wire [16V] is connected to the terminal marked [S] (Fig. 2).
4. Connect AC power to the black and white flying leads of the transformer(s) (Fig. 1).
Use 18 AWG or larger for all power connections.
5. Measure output voltage before connecting devices. This helps avoiding potential damage. Terminals marked [1P - 4P] are positive of the same polarity.
CAUTION: Determine the maximum operating voltage of the equipment being powered before adjusting the output voltage.

6. Connect devices to terminals marked [1P - 1N through 4P - 4N] on PD4 board (Fig. 1).
7. Slide switch on PD board to ON position (Fig. 1).
8. Green LED will illuminate when unit is powered.
9. Upon completion of wiring, secure enclosure door with the screws (supplied).
CAUTION: Equipment to be installed/serviced by authorized/trained personnel only.
Shut branch circuit power before installing/servicing equipment.

Fig. 1

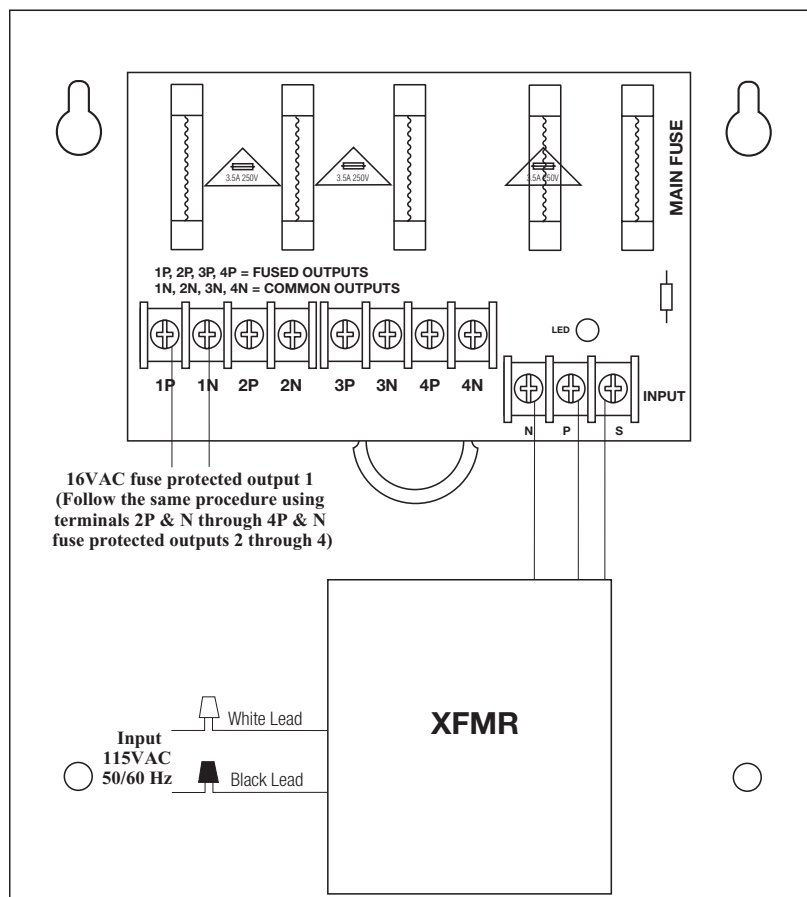
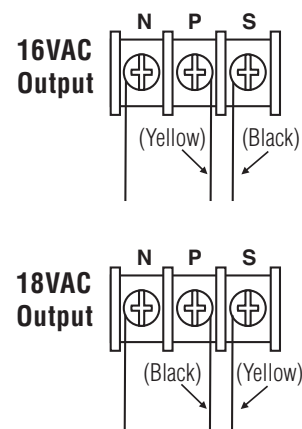


Fig. 2
Voltage Selection Configuration



WARNING: To reduce the risk of fire or electric shock, do not expose the unit to rain or moisture. This installation should be made by qualified service personnel and should conform to the National Electrical Code and all local codes.

Terminal Identification:

PD4 - Power Distribution Module

Terminal Legend	Function/Description
1P - 4P	AC output.
1N - 4N	AC output.

LED Diagnostics:

PD4 - Power Distribution Module

Green (AC)	Power Distribution Module Status
ON	Normal operating condition.
OFF	No Power Output.

Enclosure Dimensions (H x W x D approximate):
8.5" x 7.5" x 3.5" (215.9mm x 190.5mm x 88.9mm)

