



# ALTV1224C4 AC/DC Dual Output Power Supply

## Overview:

The Altronix ALTV1224C4 AC/DC Dual Output Power Supply is designed to provide both 12VDC and 24VAC outputs where a combination of both AC and DC outputs are required. Provides two (2) 12VDC outputs with a total current of 2 amp and two (2) 24VAC outputs with a total current of 4 amp.

## Specifications:

- 115VAC 50/60 Hz, 2 amps.
- Four (4) individually fuse protected outputs:
  - Two (2) outputs @ 12VDC.
  - Two (2) outputs @ 24VAC.
- 2 amp supply current at 12VDC (Fig. 1).
- 4 amp supply current at 24VAC (Fig. 1).
- Output fuses are rated at:
  - AC fuses: 3.5 amp / 250VAC.
  - DC fuses: 1 amp / 250VAC.
- AC/DC power LED indicators.
- Power ON/OFF switch.
- Spare fuses included.
- Unit maintains camera synchronization.
- Ease of installation saves time and eliminates costly labor.

Enclosure dimensions: 13.5"H x 13"W x 3.25"D

## Installation Instructions:

1. Mount unit in 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 switches SW1, SW2 to OFF position.
3. Connect the AC (115VAC 50/60 Hz) to the two black and white flying leads of the transformers.
4. Measure output voltage before connecting devices.
5. Connect devices to output terminals using the following procedure.
  - Connect DC cameras to terminals marked [+ DC1 -, + DC2 -] carefully observing the correct polarity.
  - Connect AC cameras to terminals marked [AC1, AC2].
6. Slide switches SW1, SW2 to ON position.
7. Green LED on the circuit board will illuminate when power is present.
8. Upon completion of wiring, secure enclosure door with screws (supplied).

**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 all local codes and in accordance with the National Electrical Code.

## Fuse Replacement:

1. Before replacing fuses slide switches SW1, SW2 to OFF position.
2. Replace AC outputs fuses F1 or F2 with fuses rated @ 3.5 amp/250VAC.
  - Replace DC outputs fuses F3 or F4 with fuses rated @ 1 amp/250VAC.

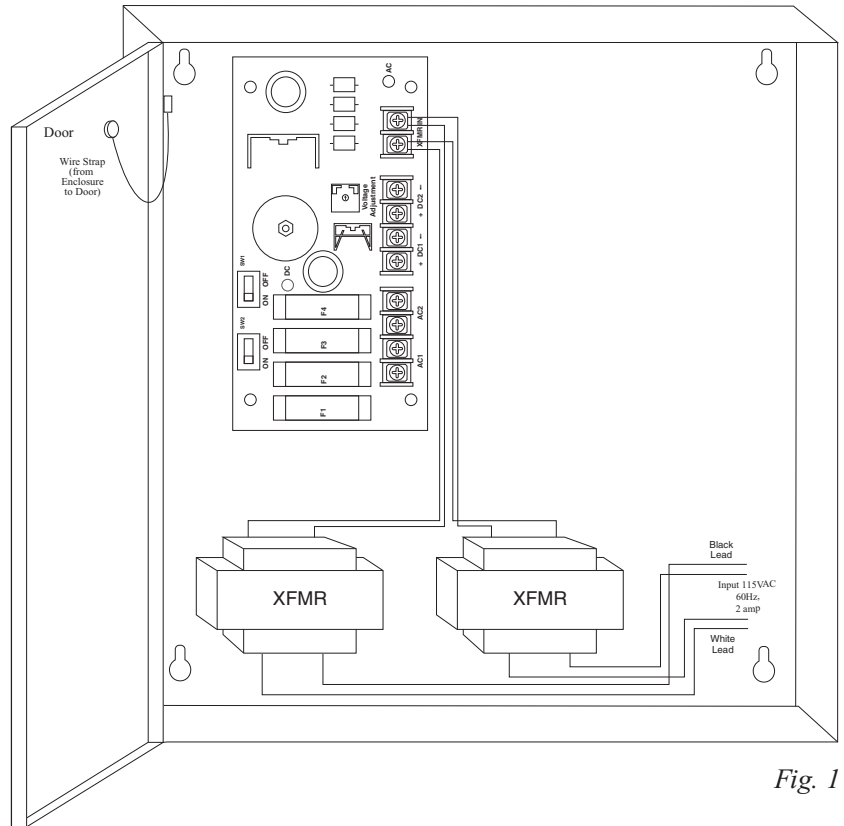


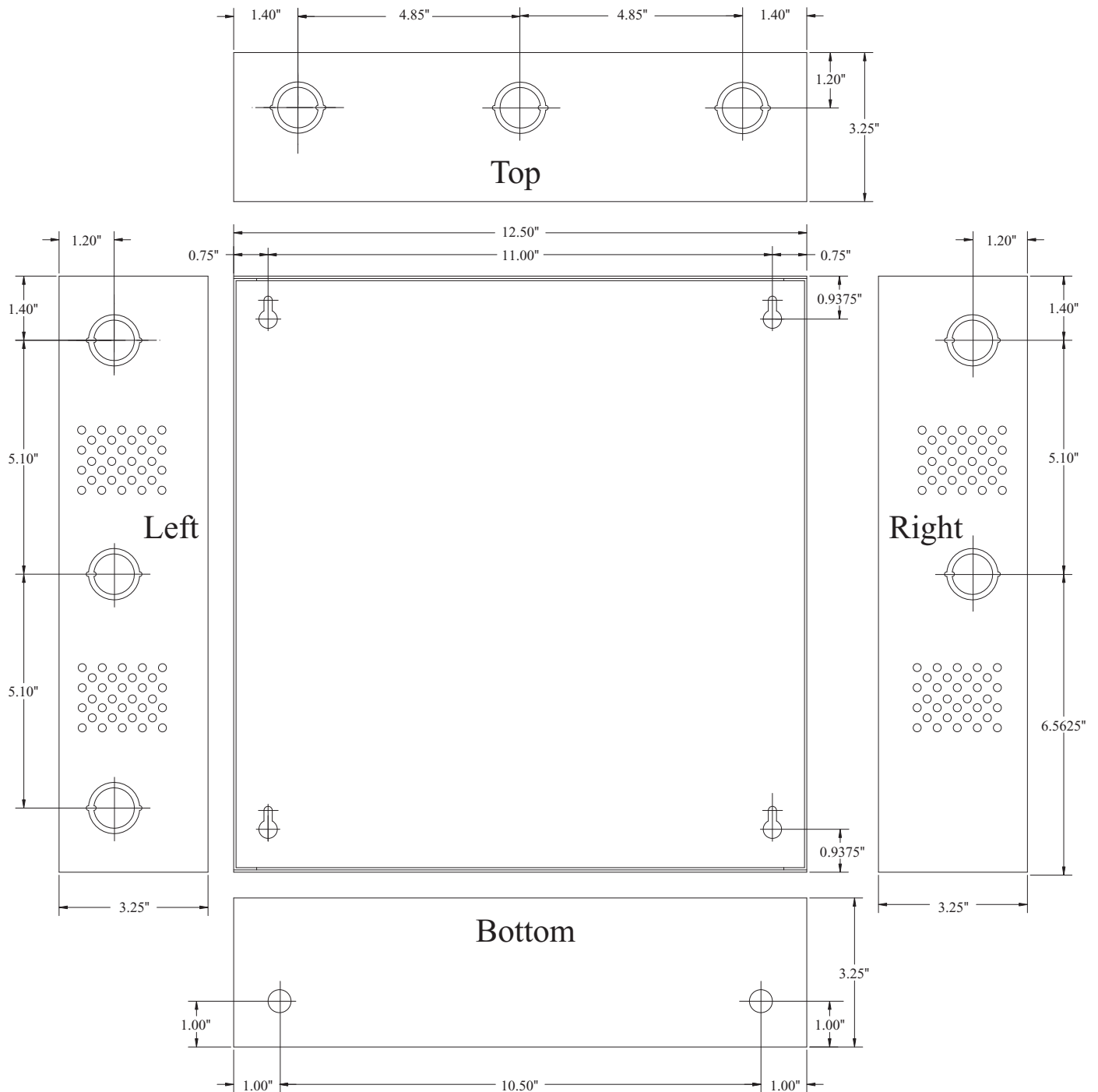
Fig. 1

**Terminal Identification:**

Terminal Legend	Function/Description
XFMR IN	Low voltage AC input from two (2) (24VAC / 100VA).
+ DC1 -, + DC2 -	DC power outputs.
AC1, AC2	AC power outputs.

**Enclosure Dimensions:**

13.5"H x 13"W x 3.25"D



Altronix is not responsible for any typographical errors. Product specifications are subject to change without notice.

