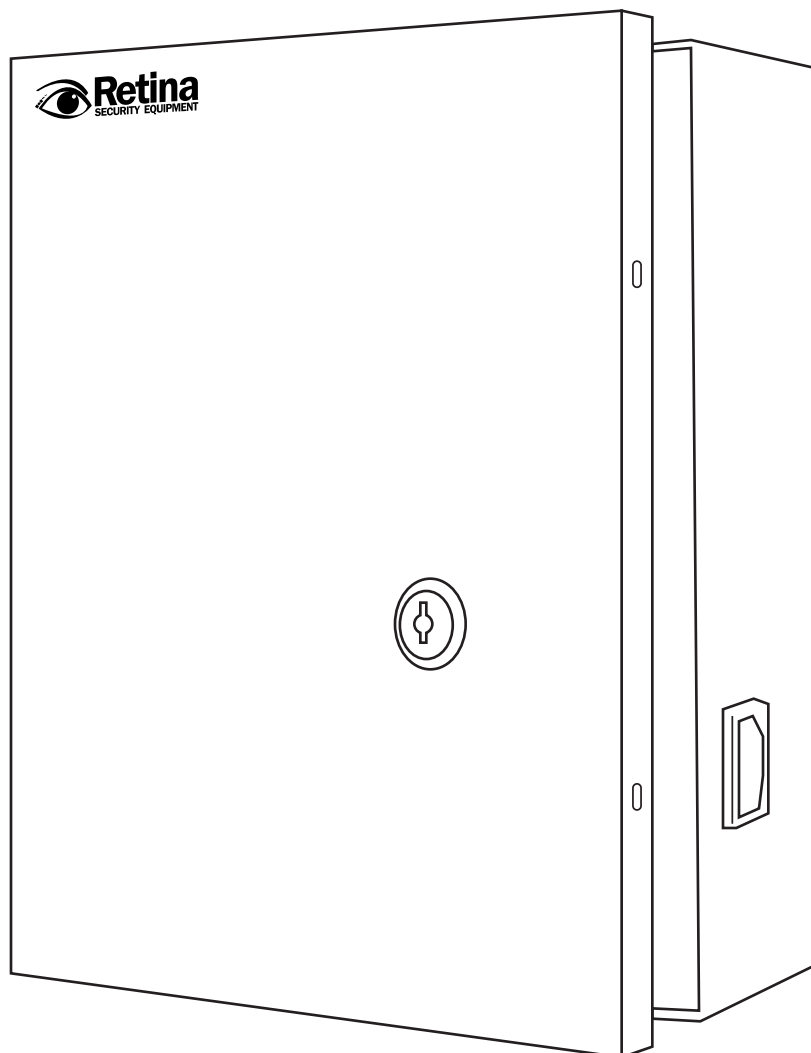# Retina
SECURITY EQUIPMENT

Installation Manual

12 Volt Power Supplies

9-Port
RET9PT

18-Port
RET18PT

INTRODUCTION

Congratulations!

The RET9PT 9-Port 12V Power Supply is the perfect solution for your larger security installations. Suitable for for use with our 8 channel DVR's, this wall mounted power supply can provides a cleaner, more efficient way to manage all of your cameras wiring. Loaded with features, the RET9PT is easy-to use and quick to install. Please read this instruction manual carefully to ensure proper use of the product.

Warnings!

To prevent fire or shock hazard, do not expose the unit to prolonged contact with water.

This symbol is intended to alert user to the presence of important operating and maintenance instructions.

This symbol is intended to alert user to the presence of uninsulated "dangerous voltage" within the products enclosure that may be of sufficient magnitude to constitute the risk of electrical shock.

CAUTION
Risk of Electrical Shock DO NOT OPEN

CAUTION: TO REDUCE THE RISK OF ELECTRICAL SHOCK DO NOT REMOVE COVER OR BACK. NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

CAUTION: TO PREVENT ELECTRICAL SHOCK AND RISK OF FIRE HAZARDS, DO NOT USE OTHER THAN SPECIFIED POWER SOURCE.

CAUTION
Risk of Damaging

CAUTION: PLEASE NOTE THE PRODUCTS OPERATING TEMPERATURE AND ENVIRONMENT REQUIREMENTS. AVOID USING THE NEAR EXTREME TEMPERATURES.

CAUTION: DO NOT MOUNT NEAR A HEAT SOURCE.
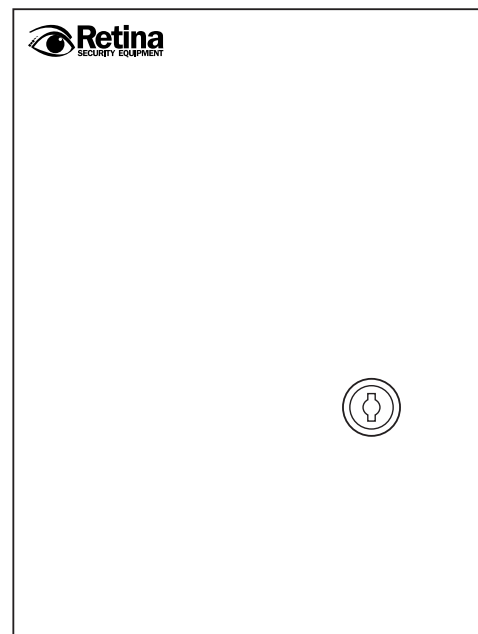
CAUTION: USE ONLY THE RECOMMENDED POWER SUPPLY.

CAUTION: WHEN USING IN LIGHTNING CONDITIONS, BE SURE TO INSTALL A SURGE PROTECTION DEVICE, OR DISCONNECT POWER SUPPLY PLUG AND CABLE.

In the Box

(3) Rubber Grommets
(2) Keys
(1) IEC Power Cord
(1) Manual

Features

» Outputs with status LEDs
» Locking cabinet prevents unwanted access
» Power switch located inside locked box
» Individual fuses for each channel
» 48" IEC power cord with clip
» CE & FCC certified

CONNECTIONS

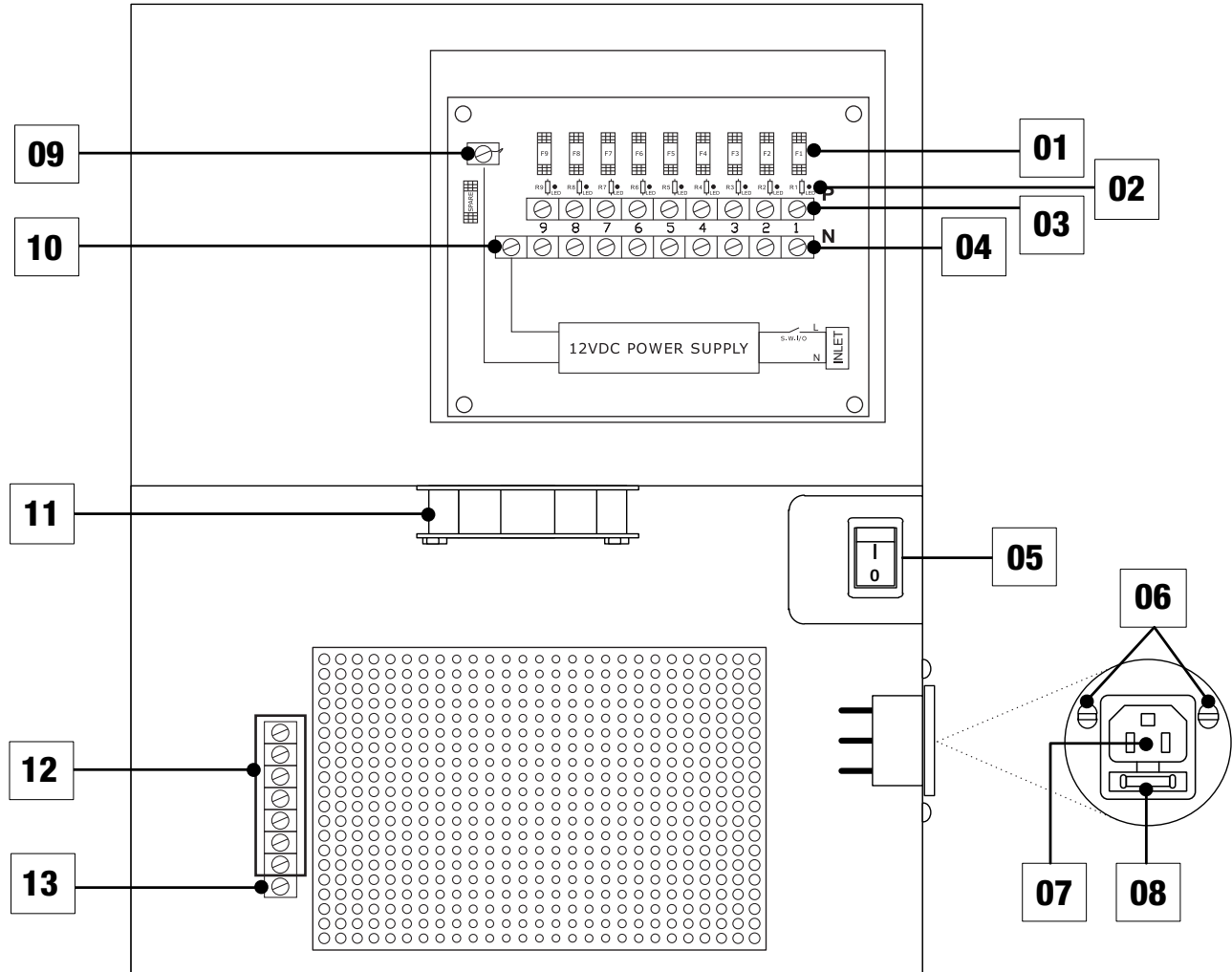## Diagram Key

01. Channel fuses
02. Status LEDs
03. +Volt (Positive) Outputs
04. -Volt Common (Negative) Outputs
05. Power Switch
06. IEC Locking Clip Loops
07. IEC Power Input
08. Main Power Fuse
09. +Volt (Positive) Main Input
10. -Volt (Negative) Main Input
11. Cooling Fan (18 Channel Models Only)
12. Main Power Supply (DC Version Shown - AC Versions has Toroidal Power Supply)
13. Power Supply Voltage Adjustment - 12V to 14V Preset to 12.5VDC (DC Models Only)

NOTE: RET18PT will have 2 boards with 9 connections each.

INSTALLATION

Mounting

1. Locate the wall studs using a stud finder (not included)

2. Use the mounting dimensions (see Fig. 1) to plan and mark a level mounting location. Use anchors with the appropriate weight rating when there isn't stud available.

3. Use the bottom mounting holes if additional support is required.

4. Place screws accordingly within you mounting location. Be sure NOT to leave screws extending more than 0.5" from the wall.
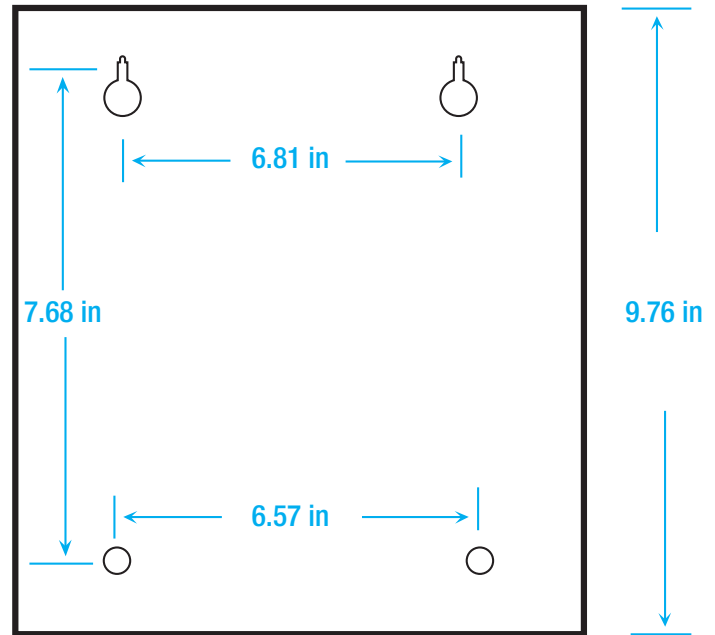
5. Mount the 12v Power Supply unit to the wall on screws.

Wiring Holes

1. After the unit is mounted to the wall, run your power cables from each device through the wiring holes. (see Fig. 2)

2. Use rubber grommets to protect your cables.

NOTE: 0.5" piping can be connected for installations that require piping to be used.

Making Connections

1. Once the power cables have been run, connect the positve lead from the device to the +Volt output terminal for each device. (see Fig. 2)

2. Connect the negative lead from the device to the -Volt output terminal for each device. (see Fig. 2)

3. Once all connections have been made, connect the AC input.
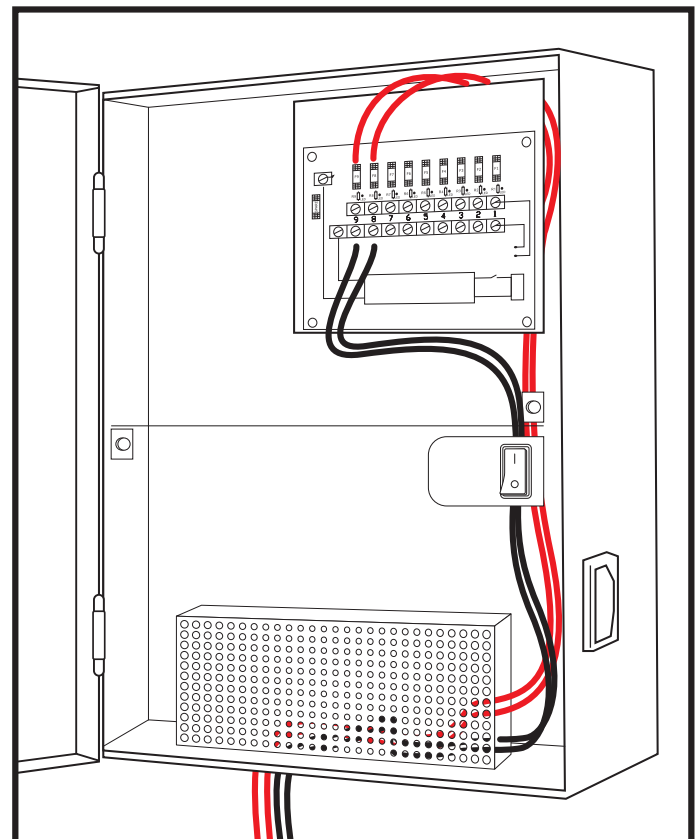

Fig. 1

Fig. 2

⚠️ | **CAUTION**
Risk of Electrical Shock | ⚡

CAUTION: DO NOT CONNECT AC POWER TO THE POWER SUPPLY UNIT UNTIL ALL CONNECTIONS TO THE OUTPUTS ARE MADE. BE SURE TO DISCONNECT POWER WHEN MAKING CONNECTION.

TECH SUPPORT

Specifications

	RET9PT	RET18PT
Input	120V AC / 60Hz	120V AC / 60Hz
Output	12V DC / 10A	12V DC / 18A
Channels	9 Port	18 Port
Total Power	120 W	216 W
Max Channel Power	12 Volt	12 Volt
Fuse Type	PTC	PTC
Operating Temp	-10˚ to +30˚ C	-10˚ to +30˚ C
Storage Temp	-20˚ to +60˚ C	-20˚ to +60˚ C
Dimensions	9.8" x 8.3" x 3.5"	9.8" x 8.3" x 3.5"
Weight	5.1 lbs	5.5 lbs
Certifications	CE, FCC	CE, FCC

Limited Warranty

This warranty remains in effect for one year from the date of purchase. Except as specified below, this warranty covers all defects in material and workmanship. The following are not covered: Damaged caused by accident, misuse, abuse, product modification or neglect, damage occurring during shipment, damage from failure to follow instructions contained in the owner's instruction booklet, damage resulting from the performance of repairs by someone not authorized by Retina Security Equipment, or any claims based on misrepresentations by the seller. This warranty does not cover incidental or consequential damages. It does not cover the cost of removing or reinstalling the unit. This warranty is void if the serial number has been removed or defaced.

This warranty gives you specific legal rights. You may also have other rights which vary from state to state. Some states do not allow the exclusion or limitations of incidental or consequential damages or limitation on how long an implied warranty lasts so the above may not apply to you.

How To Obtain Service

Please call us at (800) 844-9555 Monday – Friday 8am – 5pm. Central Standard Time. We may direct you to an authorized dealer/technician or request that you return the product for repair. You must present the original bill of sale to establish the date of purchase.

Please do not ship your product to us for repair without prior authorization. You are responsible for transportation of your product and payment of any shipping charges. If the repairs are covered under warranty, we will pay the return shipping charges. NOTE: Do not attempt to disassemble the camera. Doing so may void your warranty. No user-serviceable parts inside. Qualified personnel only!