


SAFETY PRECAUTIONS

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|  | CAUTION RISK OF ELECTRIC SHOCK. DO NOT OPEN |  |
| Caution: To reduce the risk of electrical shock, do not open covers. No user serviceable parts inside. Refer servicing to qualified service personnel. | | |



The lightning flash with an arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that might be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to presence of important operating and maintenance (servicing) instructions in the literature's accompanying the appliance.

Warning: To prevent fire or shock hazard, do not expose the units not specifically designed for outdoor use to rain or moisture.



Attention: Installation should be performed by qualified service personnel only in accordance with the National Electrical Code or applicable local codes.



Power Disconnect: Units with or without ON-OFF switches have power supplied to the unit whenever the power cord is inserted into the power source; however, the unit is operational only when the ON-OFF switch is in the ON position. The power cord is the main power disconnect for all units.

LUXON *video*

RM-08DC-6
RM-16DC-16
RM-32DC-12

RACK MOUNTED CAMERA POWER SUPPLIES



INSTALLATION INSTRUCTIONS

Installation & Wiring Instructions

RM-08DC-6, RM-16DC-6, RM-32DC-12

Rack Mounted Camera Power Supplies

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

About the Unit:

RM series power supplies are designed for installation in a standard 19 inch rack. The unit will take up two slot spaces.

- 110 Volts AC input, 12 Volts DC output
- Available current: **RM-08DC-6 & RM-16DC-6:** 6 Amps; **RM-32DC-12:** 12 Amps
- **RM-08DC-6:** 8 outputs. **RM-16DC-6:** 16 outputs. **RM-32DC-12:** 32 outputs
- Each output fused at 2.5 Amps with self-resetting *SmartFuses*.
- LED indication of DC power.

1) Select a dry, secure location to mount the unit, at least 3 inches from monitors. Make sure that the air vents on the side of the unit are clear. This product is designed for installation indoors in a properly ventilated location. Place the power supply inside the rack and secure with screws provided.

2) **Do not connect AC power at this time.** Instead, wire your cameras, using 18 AWG stranded 2 conductor wire. According to the model, 8, 16 or 32 pairs of terminals are provided for camera connection. For each camera, insert and screw the conductor wire connected to the camera's positive input to the terminal marked P (positive) and the camera's negative input to the terminal marked N (negative). The terminals may be removed for ease of wiring and then snapped back into place.

3) Repeat step 4 for all remaining cameras, taking care to observe polarity. **Reversed polarity may damage your cameras.**

4) Double check all wiring. Make sure the switch on the back of unit is in the lower "OFF" position. Plug the unit into an unswitched 120V AC outlet. Next, turn on the switch and the DC LEDs on the front of the unit should glow. Power is now available at all the terminals.

5) This power supply is protected by self-resetting *SmartFuses* (PTCs). These will open in the presence of a fault. On removal of a fault, they will reset themselves. When a *SmartFuse* is tripped, no power is available from the corresponding output and the green LED will not be illuminated.

6) A master fuse rated 15A is also provided, located on the back of the unit. If this fuse blows, move the power switch to the OFF position, remove the fuse holder by twisting counter clockwise. Replace the fuse in the holder with a 15A, 250V AC fuse (replacement provided). Reinsert the holder and twist clockwise to secure it.

With any power supply we recommend that the continuous draw be no more than

