

Tech Support # 833-574-9124
info@wboxtech.com



0E-122017SLA



**CCTV POWER SUPPLY
12V 20A 16+1CH
with OPTIONAL SLA
BATTERY BACKUP**

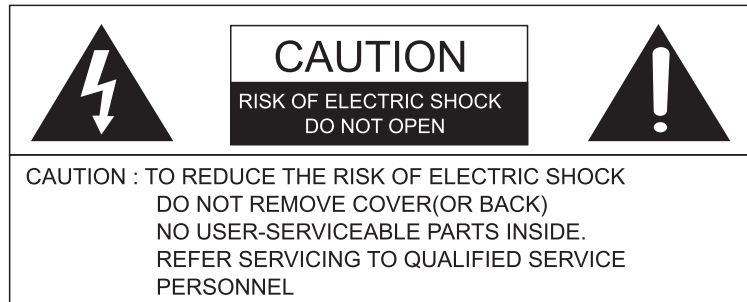
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Please read this manual carefully before installation. The provided manual includes instructions for safe installation/operation and also includes relevant wiring diagrams and specifications. Do not start the installation and connection of equipment until reading the entire manual.

CAUTION

1. TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT REMOVE COVER. NO USER-SERVICABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.
2. REDUCE RISK OF FIRE OR ELECTRICAL SHOCK. DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE.
3. THIS INSTALLATION SHOULD BE MADE BY A QUALIFIED SERVICE PERSON AND SHOULD CONFORM TO ALL LOCAL CODES.



The lightning flash with 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 may 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 the presence of important operating and maintenance(servicing) instructions in the literature accompanying the appliance.

If any W Box Technologies product is found to be in good working order or such product's inability to function properly is a result of user damage or abuse, the product will be returned to Buyer in the same condition as received and Buyer shall be responsible for any return freight changes.

5. Governing Law

For North America – The laws of State of New York apply to this Limited Warranty.

For EMEA – This Limited Warranty shall be governed by the laws of England and Wales.

6. Miscellaneous

Where any term of this Limited Warranty is prohibited by such laws, it shall be null and void, but the remainder of the Limited Warranty shall remain in full force and effect.

Datasheet

Input Voltage	110 VAC
Input Current	4 Amp
Output Voltage	12-13.8 VDC
Output Current	20 Amp
Output for Port F17	5 Amp
Output for Port F1-F16	0.94 Amp
PTC Fuse for Port F17	5 Amp
PTC Fuse for Port F1-F16	1.6 Amp
Dimensions	10.4" x 9.2" x 3.54"
	265 x 234.2 x 90mm
Protection Type	Over Voltage Protection Over Current Protection Short Circuit Protection

Cautions

- When a single channel of the CCTV Power Supply results in a short circuit, the other channels will stop working for 6 seconds.
- The CHARGE LED indicator on the outside cover of housing and BAT LED on PCBA are the same LED and same function . LEDs will be ON when battery is being charged , and will be darker and darker when battery get more charged, will be off when battery get full charged
- The technician should not alter SVR1 button position, prior to reviewing the UM
 - 1) As the SVT1 position is factory set
 - Battery can be fully charged when power is on
 - PSU can provide appropriate Voltage range to Cameras/DVR to assure effective damage-free performance
 - 2) In case there is a need to check/adjust the input DC Voltage to the PSU - the installer/service technician should connect a Voltmeter to the battery output ports
 - 3) As per said above, it is highly recommended NOT to alter the SVR1 button position, unless Battery &/or cameras/DVR are not functioning well
- When 110 VAC is connected to the power supply - the battery will provide power to

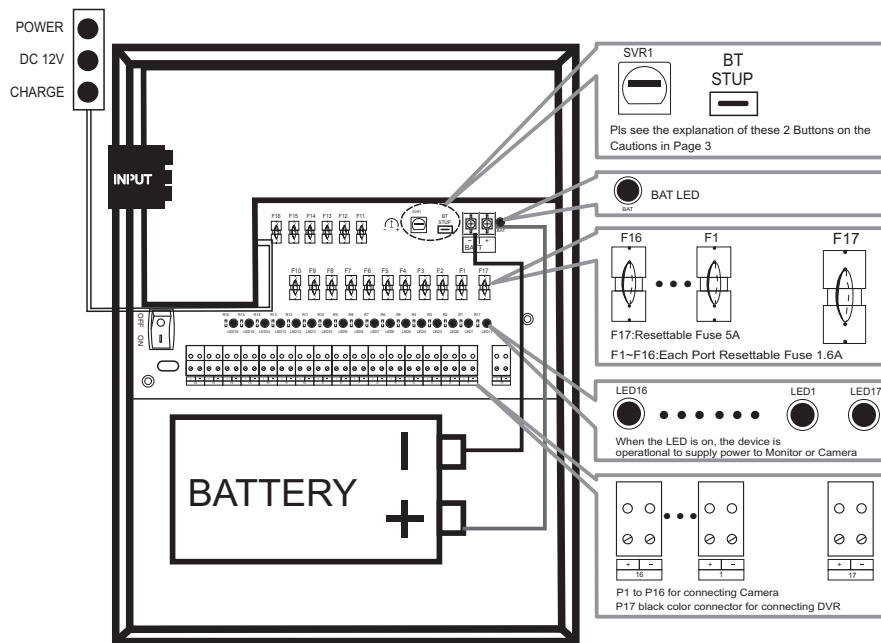
cameras/DVR automatically once power is off. In case Power supply unit is currently NOT connected to 110 VAC, and Power supply is OFF, User has to push the BT STUP button to

- get power from Basttery to connected devices

In case of a Port is exposed to EXCESS current, it will go into Current Protection mode.

- 1) The LED of this specific port will be OFF ans stop power supply
- 2) This will take place until PTC (fuse) will get colder AND cord of this specific item will be disconnected from power supply

■ Connection



1. P17 black color connector for connecting DVR , P1 to P16 for connecting Camera.
2. The terminal connection cubes can be removed for easy fast wiring.
3. Connect DVR to P17 , and Connect cameras to P1 - P16.
4. Push "BT STUP" button to check if LED indicator of P1 to P17 are ON.
5. Plug the AC plug into 110 VAC power outlet.
6. Turn power switch to "ON" position , the LED indicator of P1 to P17 and CHARGE LED on outside cover of metal box and inside PCBA should be ON.
7. Close the cover and secure it with the provided screws.

3. Limitation on Liability to Buyer's Customers.

Buyer agrees to limit liability to its customers to the fullest extent permitted by law. Buyer acknowledges that ADI shall only be deemed to give consumers of its products such statutory warranties as may be required by law and at no time shall Buyer represent to its customers and/or users of ADI products that ADI provides any additional warranties. By accepting the products, to the fullest extent permitted by law, Buyer assumes all liability for, and agrees to indemnify and hold ADI harmless against and defend ADI from, any and all suits, claims, demands, causes of action and judgments relating to damages, whether for personal injury or to personal property, suffered by any person, firm, corporation or business association, including but not limited to, Buyer's customers and/or users of the products because of any failure of the products to detect and/or warn of the danger for which the goods were designed or any other failure of the products whether or not such damages are caused or contributed to by the sold or joint concurring negligence or fault of ADI.

4. Returns

Subject to the terms and conditions listed below, during the applicable warranty period, ADI will replace Product or provide a credit at purchase at its sole option free of charge any defective products returned prepaid. Any obligations of ADI to replace Limited Lifetime warranty products pursuant to this warranty which result from defect are limited to the availability of replacement product. ADI reserves the right to replace any such products with the then currently available products, or provide a credit in its sole discretion. In the event Buyer has a problem with any ADI product, please call your local ADI branch for return instructions:

For US call 1-800-233-6261

For Canada call 877-234-7378

For Puerto Rico call 787-793-8830

For EMEA contact your local ADI Branch

Be sure to have the model number and the nature of the problem available. In the event of replacement, the return product will be credited to Buyer's account and a new invoice issued for the replacement item. ADI reserves the right to issue a credit only in lieu of replacement.

2. EXCLUSION OF WARRANTIES, LIMITATION OF LIABILITY

THERE ARE NO WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED, OF MERCHANTABILITY, OR FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF. TO THE FULLEST EXTENT PERMITTED BY LAW, IN NO CASE SHALL ADI BE LIABLE TO ANYONE FOR ANY (I) CONSEQUENTIAL, INCIDENTAL, INDIRECT, SPECIAL, OR PUNITIVE DAMAGES ARISING OUT OF OR RELATING IN ANY WAY TO THE PRODUCT AND/OR FOR BREACH OF THIS OR ANY OTHER WARRANTY OR CONDITION, EXPRESS OR IMPLIED, OR UPON ANY OTHER BASIS OF LIABILITY WHATSOEVER, EVEN IF THE LOSS OR DAMAGE IS CAUSED BY ADI'S OWN NEGLIGENCE OR FAULT AND EVEN IF ADI HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH LOSSES OR DAMAGES. Any product description (whether in writing or made orally by ADI or ADI's agents), specifications, samples, models, bulletin, drawings, diagrams, engineering sheets, or similar materials used in connection with the Buyer's order are for the sole purpose of identifying ADI's products and shall not be construed as an express warranty or condition. Any suggestions by ADI or ADI's agents regarding use, applications or suitability of the products shall not be construed as an express warranty or condition unless confirmed to be such in writing by ADI. ADI does not represent that the products it sells may not be compromised or circumvented; that the products will prevent any personal injury or property loss by burglary, robbery, fire or otherwise, or that the products will in all cases provide adequate warning or protection. Buyer understands and will cause its customer to understand that a properly installed and maintained product is not insurance or guarantee that such will not cause or lead to personal injury or property loss. CONSEQUENTLY ADI SHALL HAVE NO LIABILITY FOR ANY PERSONAL INJURY, PROPERTY DAMAGE OR OTHER LOSS BASED ON ANY CLAIM AT ALL INCLUDING A CLAIM THAT THE PRODUCT FAILED TO GIVE WARNING. However, if ADI is held liable whether directly or indirectly for any loss or damage with respect to the products it sells, regardless of cause or origin, its maximum liability shall not in any case exceed the purchase price of the product, which shall be fixed as liquidated damages and not as a penalty and shall be the complete and exclusive remedy against ADI.

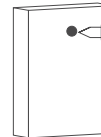
Troubleshooting

If you are experiencing difficulties with the Power Supply, please follow the below steps:

- Review the entire instruction manual
- Check all connections to see if they are in good working condition
- Check cable routes and distance (Note: voltage will drop when distance of cable run increases)

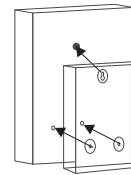
Mounting and Installation

STEP 1



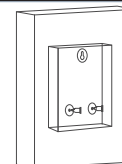
Step 1:
Using the template provided,
drill holes and install 1 screws on wall

STEP 2



Step 2:
Mount power box on wall

STEP 3



Step 3:
Tighten 2 screws to
wall to secure the power box

Accessories

- Retaining Ring (1 pc)
- Screws (2 pcs)
- Mounting Template (1 pc)
- AC Power Cable (1 pc)

1. Limited Warranty

a. General

Subject to the terms and conditions of this Limited Warranty, from the date of sale through the period of time for product categories specified in Section 1(b), ADI warrants its W Box Technologies products to be free from defects in materials and workmanship under normal use and service, normal wear and tear excepted. Except as required by law, this Limited Warranty is only made to Buyer and may not be transferred to any third party.

ADI shall have no obligation under this Limited Warranty or otherwise if:

- (i) The product is improperly installed, applied or maintained;
- (ii) The product is installed outside of stated operating parameters, altered, or improperly services or repaired;
- (iii) Damage is caused by outside natural occurrences, such as lightning, power surges, fire, floods, acts of nature, or the like.
- (iv) Defects resulting from unauthorized modification, misuse, vandalism, or other causes unrelated to defective materials or workmanship, or failures related to batteries of any type used in connection with the products sold hereunder.

ADI only warrants those products branded as W Box Technologies products and sold by ADI. Any other products branded by third parties are warranted by the third party manufacturer for a period as defined by the third party manufacturer, and ADI assigns to Buyer those warranties and only those warranties extended by such third party manufacturers or vendors for non-ADI branded products. ADI does not itself warrant any non-ADI branded product and sells only on an as is basis in accordance with ADI's terms and conditions of sale.

b. Specific Warranties for product categories are as follows:

Product Categories	Warranty Period
Walk Through & Hand Held Metal Detectors	12 months
Intrusion Wireless Communication Accessories	12 months
Smoke Detector Tester	12 months

CCTV Power Supplies	24 months
In Ceiling Speakers	24 months
Magnetic Locks	24 months
Surge Protection	24 months
UPS (uninterruptible power supplies)	24 months
HDMI Distribution	24 months
6 Outlet Surge Protection	24 months
Intrusion Audio Devices	30 months
Video Surveillance Monitors	30 months
Power and Relays	30 months
Hold-up Buttons	30 months
Video Surveillance Baluns	30 months
DVR's, NVR's	60 months excluding HDD; 36 months HDD (included in recorder)
HD Analog Cameras	60 months
IP Cameras	60 months
PIR's	60 months
Analog Cables	Limited Lifetime
B Connectors	Limited Lifetime
Bus Terminals	Limited Lifetime
Extension Cords	Limited Lifetime
HDMI Cables	Limited Lifetime
Jacks, Cords and Intrusion Communication Accessories	Limited Lifetime
Raceway Conduit	Limited Lifetime
Wire Ties	Limited Lifetime
Magnetic Contacts	Limited Lifetime
Network Switches/PoE Switches	Limited Lifetime