



## **Multi-function conjunction Power Box**

### **Operation Instructions**

**Model No. EPTZ-PBOX**

Please read this manual first for correct installation and operation. This manual should be retained for future reference. The information in this manual was current when published. The manufacturer reserves the right to revise and improve its products. All specifications are therefore subject to change without notice.

### **PREFACE**

EverFocus EPTZ -PBOX is a multi-function conjunction power box specially engineered for speed domes and cameras. Designed with metal material, the EPTZ-PBOX is vandal proof and IP66 rated. The EPTZ- PBOX can also convert cameras and speed domes to network cameras for web browser interface control with an optional video server.

### **FEATURES**

- Multi-function conjunction power box for speed domes and camera
- Vandal proof and weatherproof IP66 rated
- Optional built-in video encoder for analog to and network capabilities with web browser, EverFocus NVR software and PowerCon Express
- Compatible with PTZ corner mount (optional EPTZ-CNM) and pole mount (optional EPTZ-PLM) adaptor

## SPECIFICATIONS

Model	EPTZ-PBOX
Power source	2 types: 100V~120VAC / 220V~240VAC
Power output	24VAC/3.5A
Waterproof connector	$\phi$ 10 mm x 1 pcs , $\phi$ 7 mm x 3 pcs
Safety	CE/FCC/LVD
Dimensions	250 mm x 260 mm x 85 mm / 10" x 10.4" x 3.4"
Weight	4.08 kg / 9 lbs 4.54 kg / 10 lbs with 1-CH Video Encoder

## STANDARD ACCESSORIES

- **EPTZ-PBOX**
- **Operation Instructions (this document)**
- **Accessory Pack**

## OPTIONAL ACCESSORIES

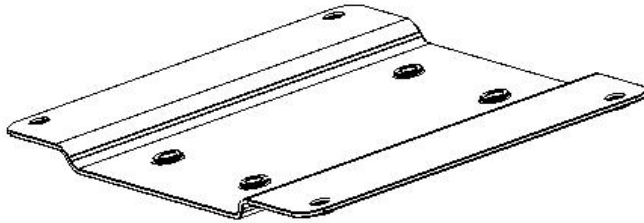
### 1. EPTZ-CNM



### 2. EPTZ-PLM



### **3. EPTZ-PBM**



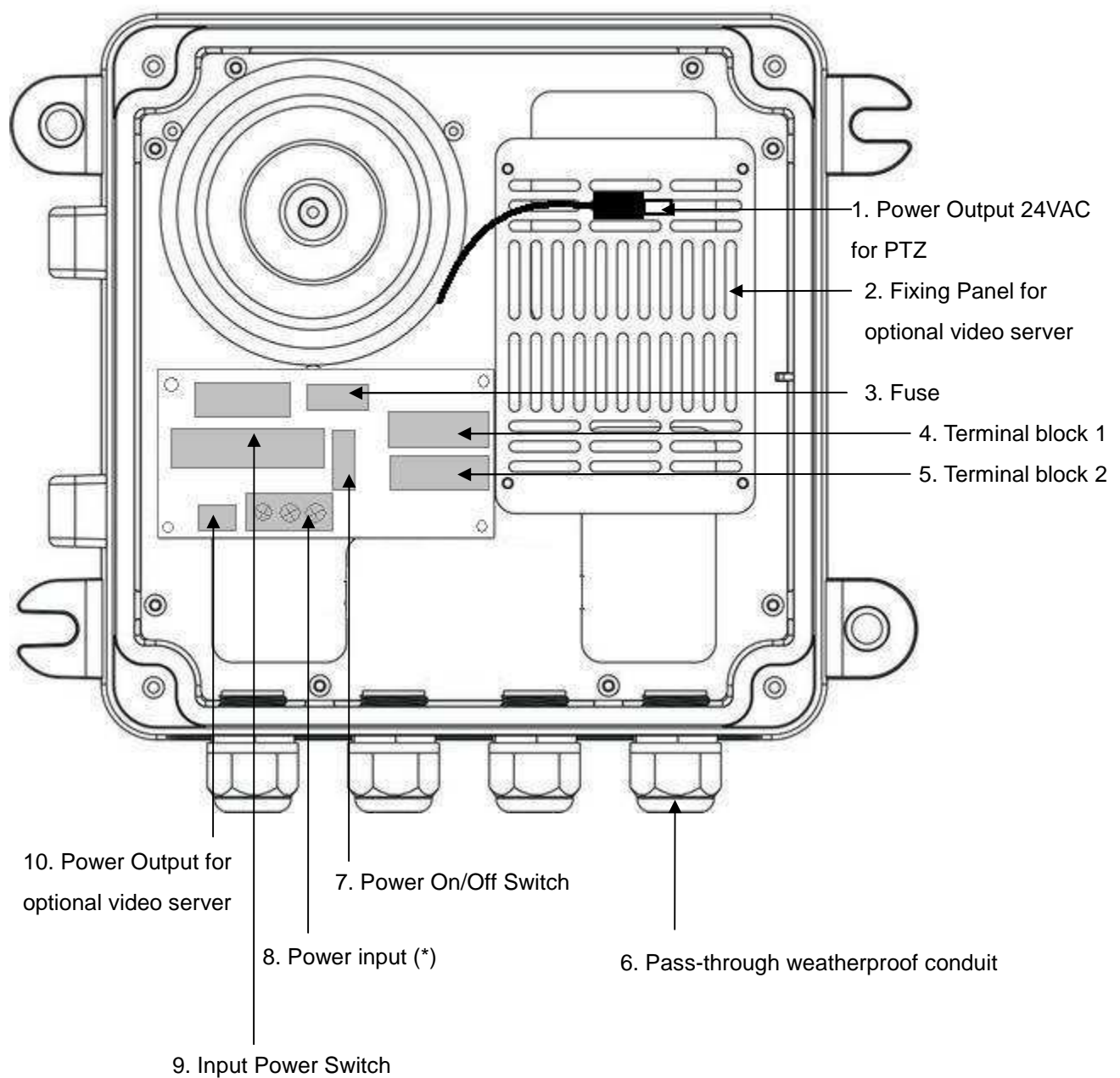
### **4. Adaptor**

P/N: AP12D501A1 (For 1CH Video Server)

### **5. One Channel Video Server**

EVS100- Covert Analogue to IP. Suggest to use with PTZ when you need to view PTZ remotely.

## HARDWARE OVERVIEW



\* Power input depends on your model

### **1. Power Output 24VAC for PTZ**

Power specification is 24VAC/3.5A, used by speed dome or camera.

### **2. Fixing panel for optional video server**

This fixing panel is used to fix video server and cables, when it is connected to video cable or power cable, you can use the hole provided by this panel to fix cable. (If it is used with EVS100, then this fixing panel is not provided)

### **3. Fuse**

Specification for fuse is 250V/2A, this is used to protect the main power. When there is any damage, please check if all connection circuit and device are correct. To change it, please select the fuse that has the same specification.

### **4. Terminal block 1**

Terminal Block has RS485 and Alarm. Terminal Block 1 connects to external device, such as keyboard, Alarm device.

### **5. Terminal block 2**

This connection base connects to PTZ or camera.

### **6. Pass-through waterproof conduit**

Power, Video cable and RS485 control cable need to be connected to connector box through this waterproof conduit. This conduit has waterproof function. (Note: Please do not remove this connector discretianarily, or waterproof function may not apply appropriately to the connector box)

### **7. Power ON/OFF Switch**

O: Power OFF, I: Power ON

### **8. Power Input**

Applicable voltage: 100VAC / 110VAC / 120VAC / 220VAC / 230VAC / 240VAC

Terminal block

L: AC IN

N: AC IN

E: GND

### **9. Input Power switch**

This input power switch has 2 modes, please switch according to the intensity of input power,

then connect to power source. When switching to 115, all applicable voltages are: 100VAC / 110VAC / 120V AC. When switching to 230, all applicable voltages are: 220VAC / 230VAC / 240VAC

**Note:** When switching to 115, and input power is over 220V, then fuse will be burned out for protection purpose; when switching to 230, and input power is under 120V, then adaptor output's low voltage may cause breakdown to the camera or speed dome.

#### **10. Power Output for optional video server**

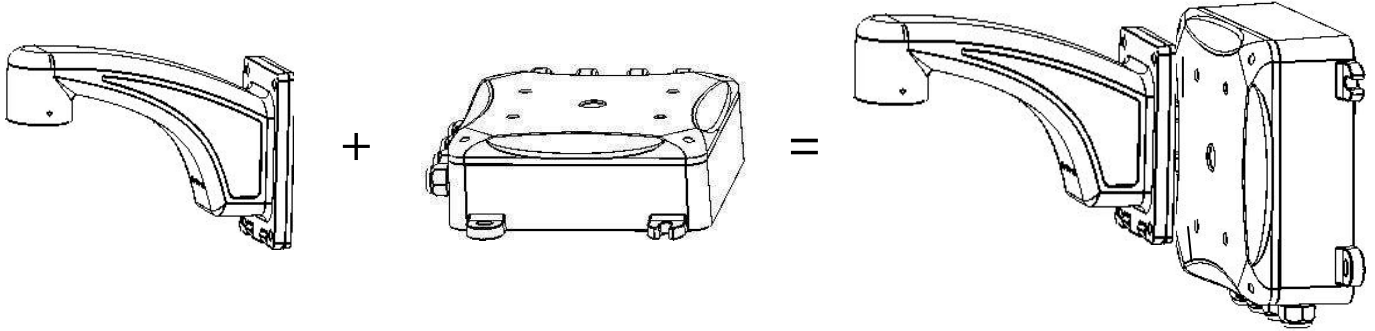
The power is provided for optional video server, when you need to convert analogue to IP, you can connect optional power adaptor to this port, power of this port is 12VDC.

## INSTALLATION

### Wall Mount

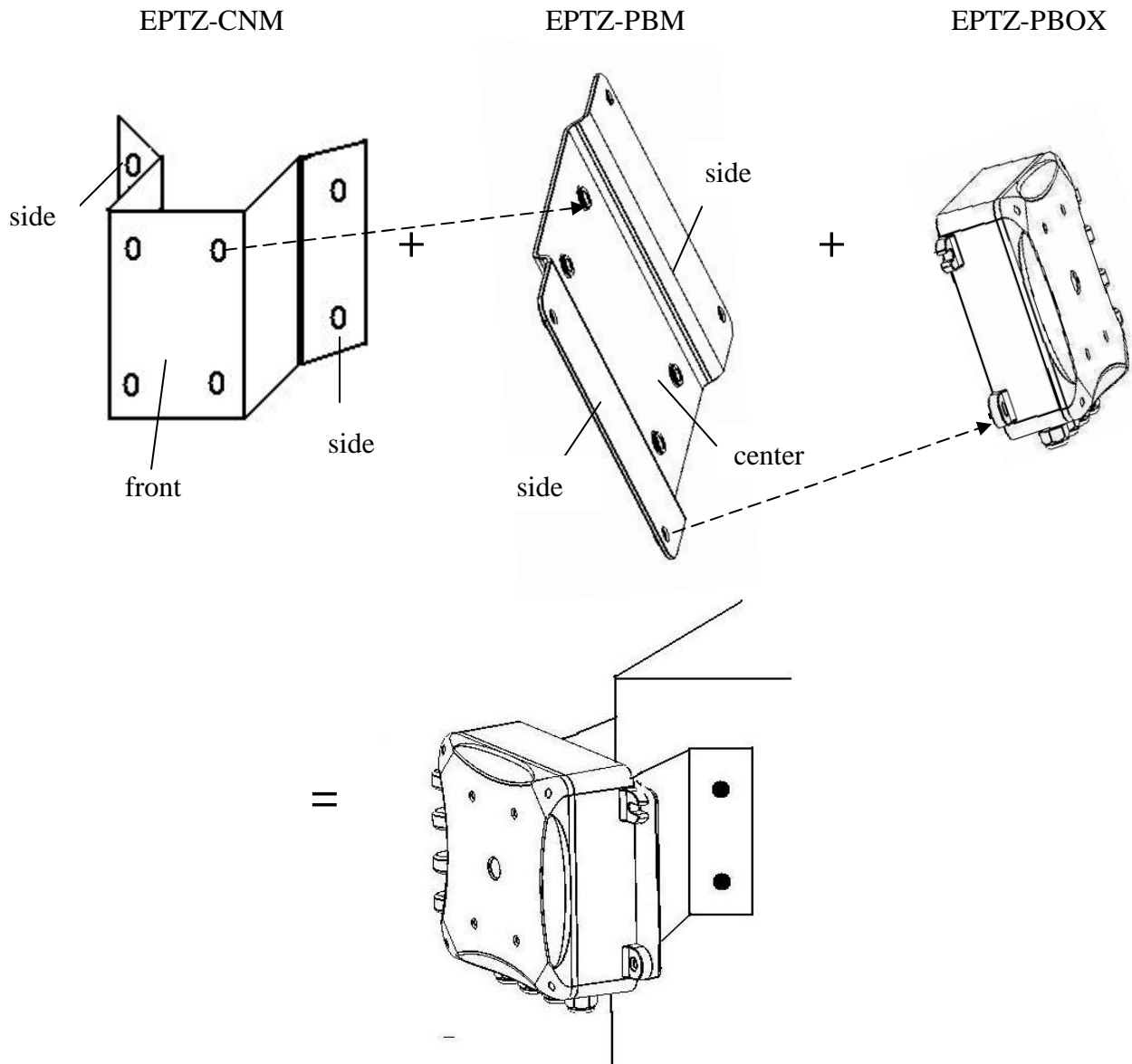
Wall mount bracket

EPTZ-PBOX



1. Screw the bracket to PBOX with 4 screws.
2. Screw the PBOX to the wall with 4 screws.

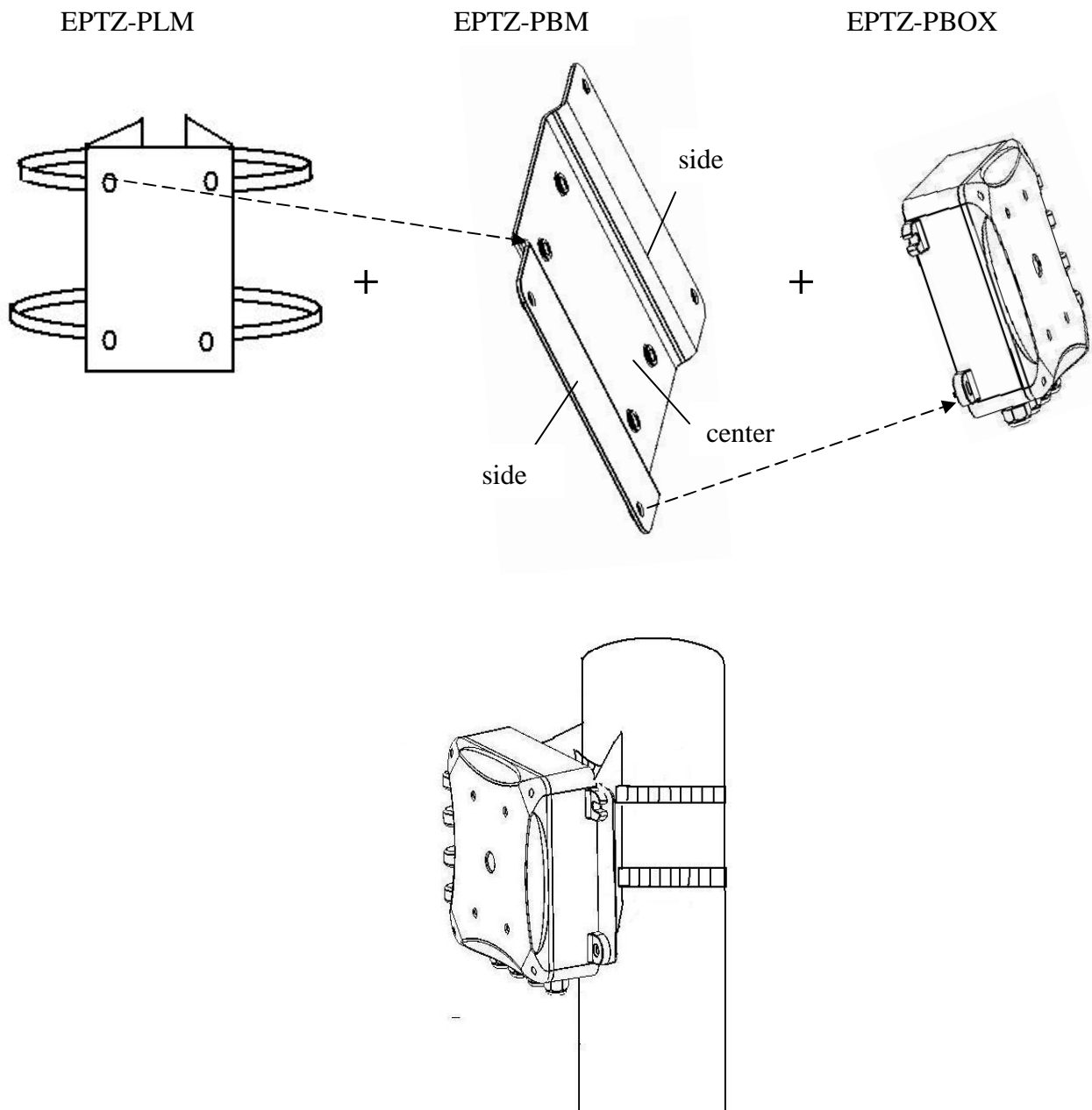
## Corner Mount



1. Screw the EPTZ-CNM (front part) to EPTZ-PBM (center part) with 4 screws.
2. Screw EPTZ-CNM (side parts) + EPTZ-PBM to corner of the wall first with 4 screws.
3. Screw EPTZ-PBOX to EPTZ-PBM (both sides) with 4 screws.



## Pole Mount



1. Screw the EPTZ-PLM to EPTZ-PBM (center part) with 4 screws.
2. Tighten the loops of EPTZ-PLM + EPTZ-PBM to the pole first.
3. Screw EPTZ-PBOX to EPTZ-PBM (both sides) with 4 screws.

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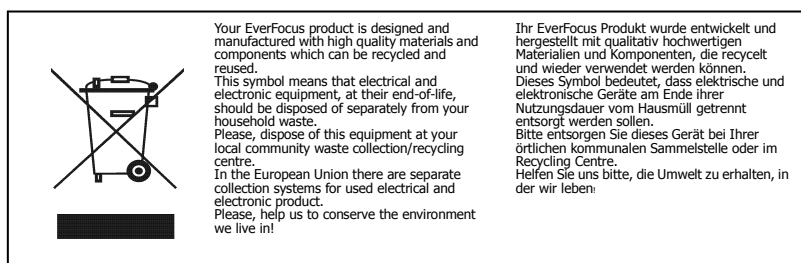
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