



## CAS-3291 Outdoor Power Box (110-115V AC)

## CAS-3292 Outdoor Power Box (220-230V AC)

Product Guide:



### Power Box Diagram



#### 1 & 2: Commutation signal terminal block

1 (J1)		2 (J6)	
Pin	Definition	Pin	Definition
1	RX+	1	RX+
2	RX-	2	RX-
3	TX+	3	TX+
4	TX-	4	TX-
5	ISOG	5	ISOG
6	VGND	6	VGND
7	VIDEO	7	VIDEO

#### 3 & 4: Power signal terminal block

3 (J5)		4 (J2)	
Pin	Definition	Pin	Definition
1	AC 24V	1	AC 24V
2	FG	2	FG
3	AC 24V	3	AC 24V

5: Power Plug AC Plug In.

6: Power adaptor

## 7: Power Plug in switch voltage

Select the correct model for 100 ~ 115 VAC or 220 ~ 230 VAC power Input to meet your environment requirement.

- Model P1030: 100VAC or 115VAC
- Model P2030: 220VAC or 230VAC

## Alarm Board Diagram



### Alarm board pin definition

10 (J2)	
Pin	Definition
ALR_COM	ALARM COM
ALR_NC	ALARM Normal Close
ALR_NO	ALARM Normal Open
ALR_GND	ALARM GND
ALARM 8	ALARM PIN 8
ALARM 7	ALARM PIN 7

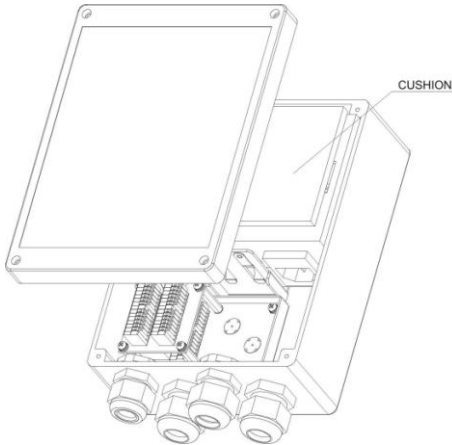
8 (J1)	
Pin	Definition
ALR_COM	ALARM COM
ALR_NC	ALARM Normal Close
ALR_NO	ALARM Normal Open
ALR_GND	ALARM GND
ALARM 8	ALARM PIN 8
ALARM 7	ALARM PIN 7

11 (J3)	
Pin	Definition
ALARM 6	ALARM PIN 6
ALARM 5	ALARM PIN 5
ALARM 4	ALARM PIN 4
ALARM 3	ALARM PIN 3
ALARM 2	ALARM PIN 2
ALARM 1	ALARM PIN 1

9 (J4)	
Pin	Definition
ALARM 6	ALARM PIN 6
ALARM 5	ALARM PIN 5
ALARM 4	ALARM PIN 4
ALARM 3	ALARM PIN 3
ALARM 2	ALARM PIN 2
ALARM 1	ALARM PIN 1

### Follow the steps for setting power box:

- Screw the lid off the unit.
- Removing the cushion in the power box.
- Refer to the Power box diagram in this manual to attach commutation and power signal wires.
- Refer to the Alarm board diagram for attaching alarm in- and output wires if needed.
- Switch the appropriate power plug in voltage.
- Confirm the above procedures again.
- Plug in the unit.



## SPECIFICATION

NOTE: Transformer is field changeable to support either 100~115Vac or 220~230Vac.

### **Electrical**

Power source.....100~115 / 220~230Vac @ 50-60Hz

Input current.....1.0A

Output: ..... 24Vac (max 29Vac), 3.0A max.

Certified Limited Power Source

### **Mechanical**

Environment..... Indoor / Outdoor

Wall mounting options..... Bracket plate

Dimensions (H x W x D)... 187 x 147 x 76 mm (7.36 x 5.78 x 3 inches)

Mounting area (H x W)..... 187 x 147 (7.36 x 7.16 inches)

Weight..... 2 KG

Enclosure material..... Impact resistant polycarbonate non-metallic

Flammability rating..... UL 94V-1

Color..... Light gray

Cover fasteners ..... 4 captive screws

### **Environmental**

Waterproof standard.....IP66

Operating temperature.....-40°C to 50°C (-40°F to 122°F)

Storage temperature.....-40°C to 50°C (-40°F to 122°F)

Relative Humidity.....0 to 95% non-condensing

### **Regulatory Compliance**

Safety .....LVD EN 60950

EMC.....FCC, CE, C-tick, VCCI ClassA



# MECHANICAL

