

# PFM802

Passive Video Balun with Power



## Features

- Power supply: Input voltage DC12-15V, can provide power supply for remote cameras, simultaneously simplify engineering wiring;
- Transmission effect: Use single network cable (UTP CAT5E/6) real-time transmit, no delay;
- Protection: Excellent anti-thunder, anti-static and anti-interference capabilities;
- Compatible format: HDCVI/TVI/AHD/CVBS;
- Appearance structure: ABS engineering plastics shell, small size, use RJ45 standard interface connection mode.

## Technical Specification

**Model**
**PFM802**

### System Properties

**Power Supply**

DC12-15V

**Network cable Type**

UTP CAT5E/6

**Transmission Properties**
**Input**
**Distance**
**Output Power**

DC12V 0.7A

0-20m

7.5W

20-40m

6.2W

40-60m

4.5W

60-80m

3.7W

80-100m

2.9W

The above table is the measured output power data with DC12V0.7A\*4 power adapter and CAT5E network cable. Please confirm the power consumption of remote camera.

### Video Transmission Properties

**Coaxial Video Connector**

BNC-M

**Connection Way**

RJ45

**Compatible Format**

HDCVI/TVI/AHD/CVBS

**Resolution**

720P/1080P/4MP

### Protection

**ESD**

1a contact discharge electricity level 3

1b air discharge electricity level 3

Per: IEC61000-4-2

**Coaxial Cable Connector**

1KV(different-mode), 2KV(common-mode)

Per: IEC61000-4-5

**UTP Cable Connector**

1KV(different-mode), 2KV(common-mode)

Per: IEC61000-4-5

**Power Connector**

1KV(different-mode), 2KV(common-mode)

Per: IEC61000-4-5

### Impedance

**BNC Male Impedance**

75 ohms

**UTP Cable Impedance**

100 ohms

### Environmental

**Operating Temperature**

-10℃~+55℃ (+14℉~+131℉)

**Operating Humidity**

&lt;95% RH

**Storage Temperature**

-20℃~+70℃ (-4℉~+158℉)

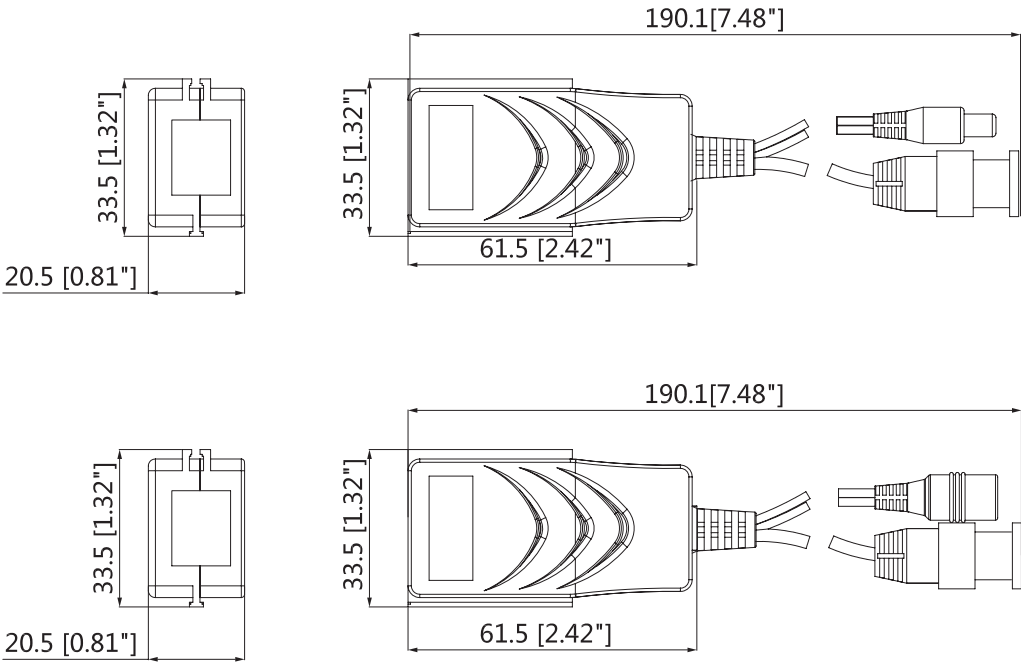
Physical Properties

|                  |                                          |
|------------------|------------------------------------------|
| Weight           | 85g (0.19lb)                             |
| Dimension(LxWxH) | 61.5mmx33.5mmx20.5mm (2.42"x1.32"x0.81") |
| Shell            | ABS                                      |
| Color            | Black                                    |

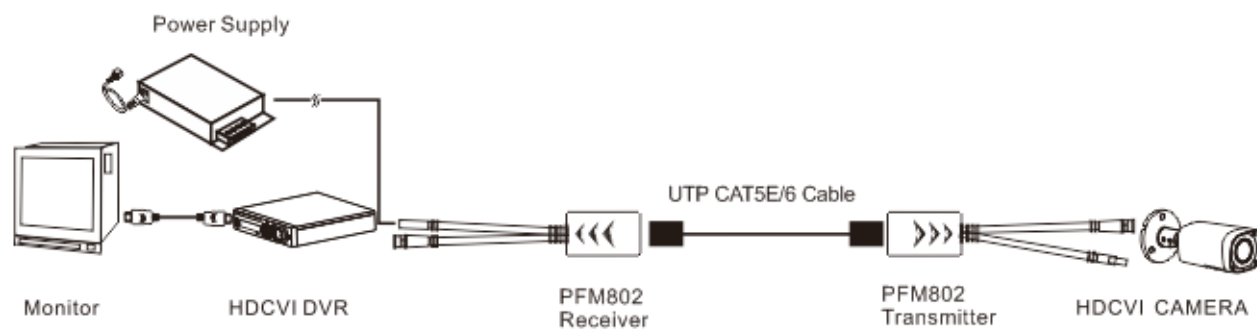
Ordering Information

| Type                | Part Number     | Description                           |
|---------------------|-----------------|---------------------------------------|
| HDCVI Accessories   | PFM801-4MP      | 1-CH passive HDCVI balun with power   |
|                     | <b>PFM802</b>   | <b>Passive video balun with power</b> |
|                     | PFM802P         | Video/power balun kit                 |
| Related Accessories | PFM920I-5EUN    | 305m UTP CAT5E cable                  |
|                     | PFM920I-5EU-C/U | 305m UTP CAT5E cable                  |
|                     | PFM920I-6UN-C/U | 305m UTP CAT6 cable                   |
|                     | PFM920I-6U-C/U  | 305m UTP CAT6 cable                   |

Dimension(mm/inch)



## Application



## Package Information

- Passive video balun with power PFM802 \*1