

# 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 °C ~ +55 °C (+14 °F ~ +131 °F)

**Operating Humidity** <95% RH

**Storage Temperature** -20 °C ~ +70 °C (-4 °F ~ +158 °F)

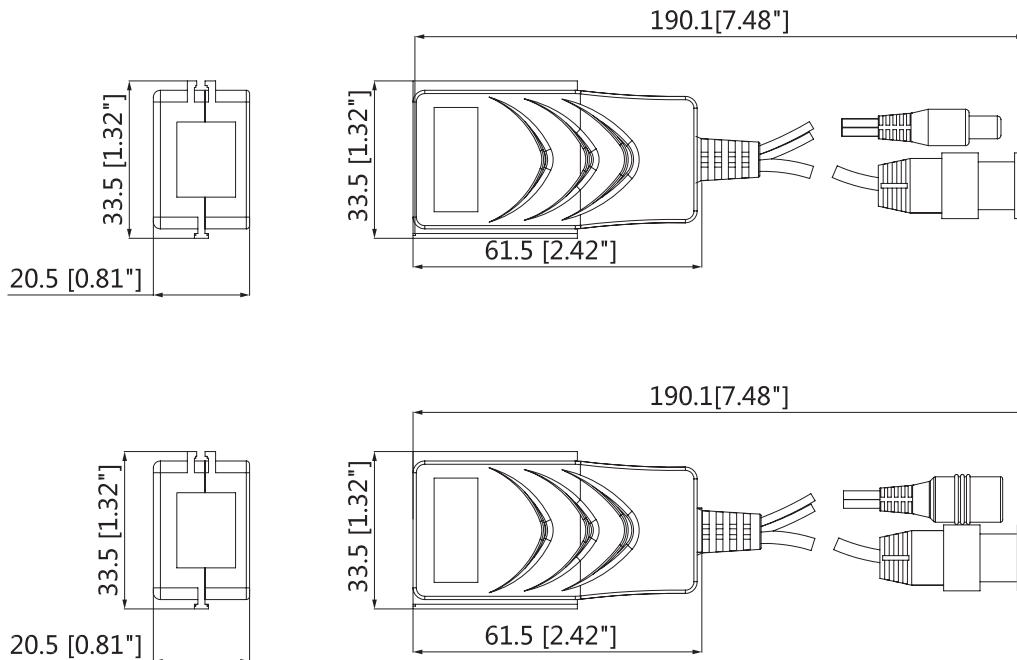
Physical Properties

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

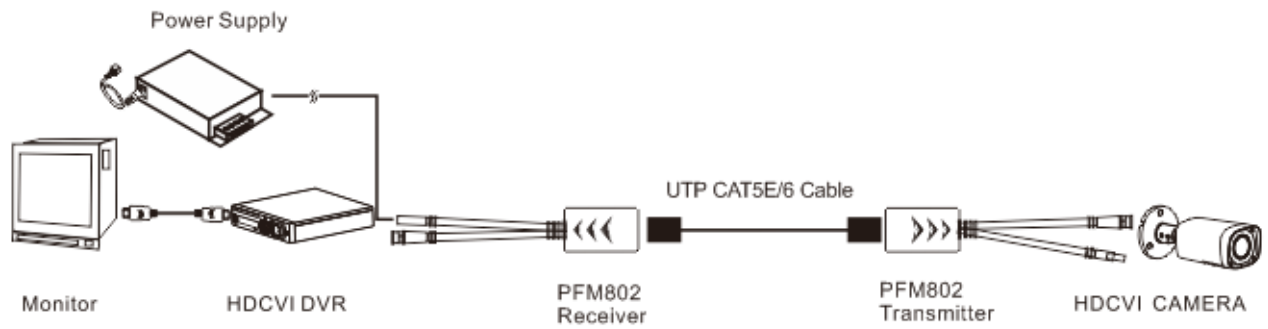
Ordering Information

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