

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)

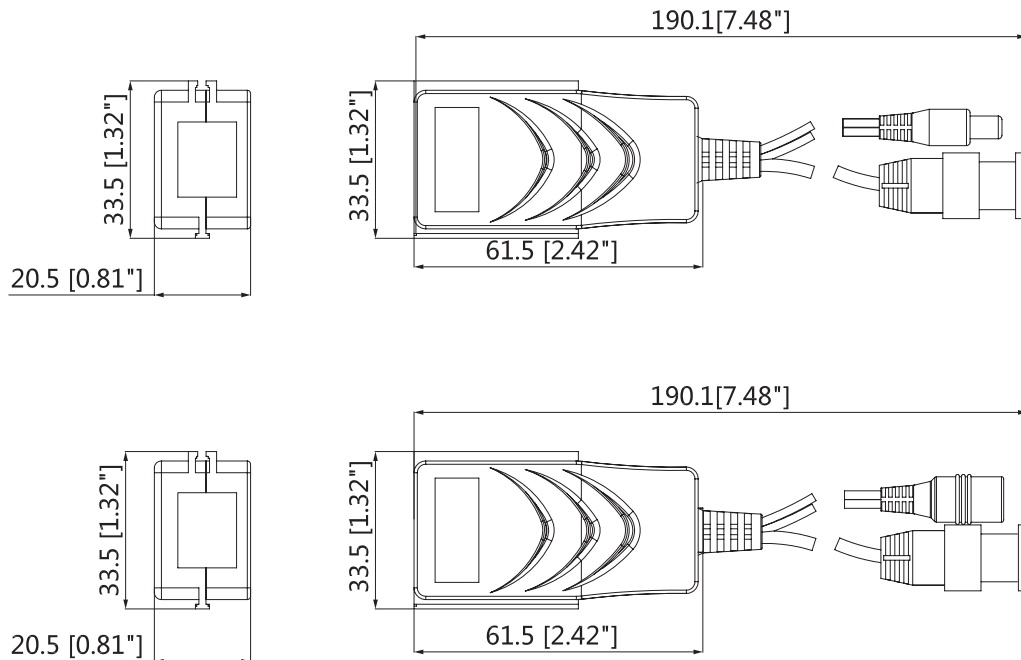
Physical Properties

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

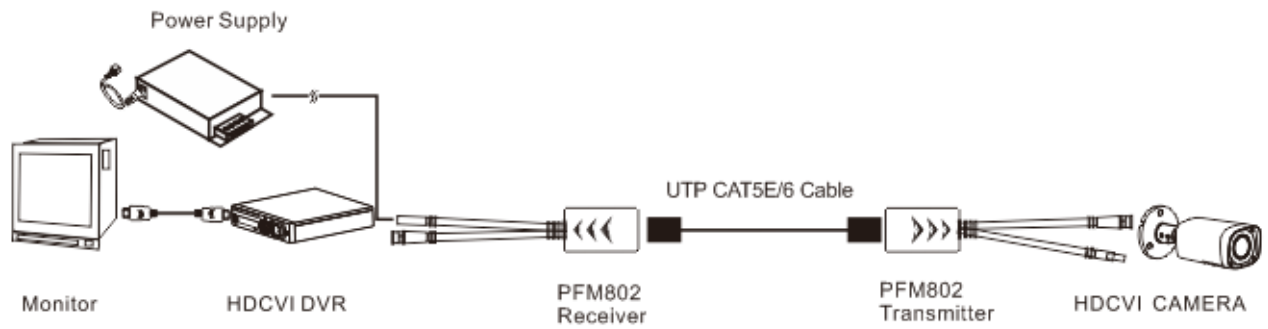
Ordering Information

Type	Part Number	Description
HDCVI Accessories	PFM801-4MP	1-CH passive HDCVI balun with power
	PFM802	Passive video balun with power
	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