

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	<95% RH
Storage Temperature	-20℃~+70℃ (-4℉~+158℉)

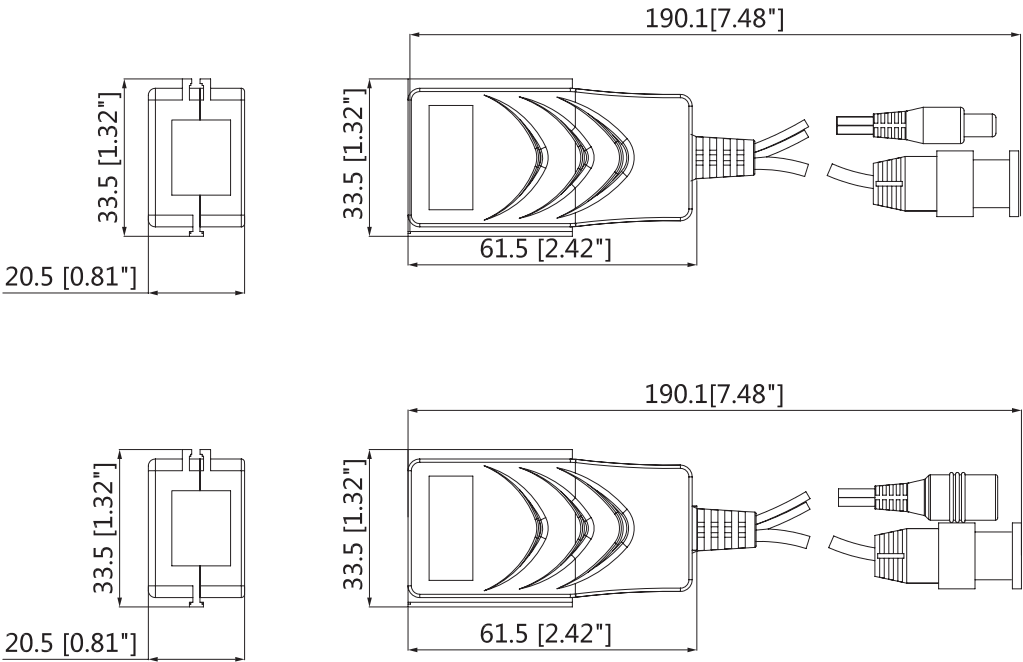
Physical Properties

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

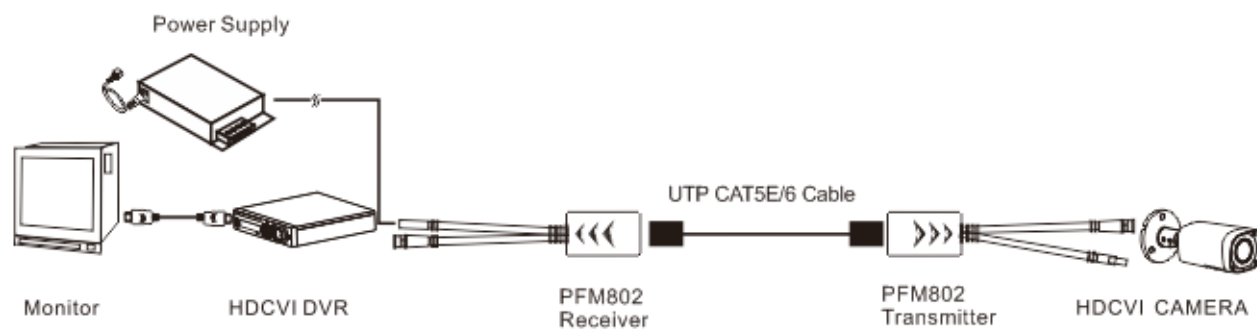
Ordering Information

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