

DH-PFM801-POC

1 Channel Passive HDCVI 4K POC Balun (10pcs/box)



- Real-time transmission over UTP CAT5/5E/6 cable.
- No need for power supply.
- Supports HDCVI, TVI, AHD, and CVBS.

Port

Video Port	Male BNC
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Protection

Electrostatic Discharge	1a contact discharge: Level 3 1b air discharge: Level 3 Applicable standard: IEC61000-4-2
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Structure

Appearance Color	Black
Casing Material	ABS project material
Product Dimensions	155.0 mm × 21 mm × 20 mm (6.10" × 0.83" × 0.79") (L × W × H)
Packaging Dimensions	215 mm × 100 mm × 122 mm (8.46" × 3.94" × 4.80") (L × W × H)
Packaging Method	10 pieces in 1 box, and 30 boxes in 1 outer carton
Net Weight	20.5 g/pair (0.05 lb)
Gross Weight	0.57 kg/box (1.26 lb)

Environment

Operating Temperature	−10 °C to +55 °C (+14 °F to +131 °F)
Operating Humidity	5–95% (RH), non-condensing
Storage Temperature	−20 °C to +70 °C (−4 °F to +158 °F)
Storage Humidity	0–95% (RH), non-condensing

Certification

Certifications	CE: EN 5032: 2015 EN 55035: 2017 EN 61000-3-2: 2014
Certifications	EN 61000-3-3: 2013

Series Overview

The Passive Balun is a passive video transmission device specifically designed for video surveillance systems. It transmits real-time video signals over twisted pair cables or CAT5E/CAT6 network cables requiring no external power. The Passive Balun is easy to install and ideal for use in security monitoring scenes where streamlined cabling is required.

Technical Specification

Function

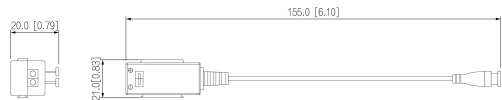
Transmission Channel	1-ch HDCVI/TVI/AHD/CVBS
Transmission Distance	HDCVI_Non-PoC Camera: 720p: max 350 m (1148.29 ft) 1080p: max 250 m (820.21 ft) 4 MP/4K: max 180 m (590.55 ft) TVI_Non-PoC Camera: 720p/1080p: max 250 m (820.21 ft) 5 MP/4K: max 180 m (590.55 ft) AHD_Non-PoC Camera: 720p: max 350 m (1148.29 ft) 1080p: max 250 m (820.21 ft) 5 MP/4K: max 180 m (590.55 ft) HDCVI/TVI/AHD_PoC Camera: 720p/1080p/4 MP/5 MP: max 150 m (492.13 ft) 4K: max 80m (262.47 ft)
Resolution	720p/1080p/4 MP/5 MP/4K
Video Format	HDCVI/TVI/AHD/CVBS
Anti-interference	> 60 dB
Transmission Signal	1-ch analog HD video
Transmission Media	UTP CAT5/5E/6
Impedance	Coaxial cable: 75 Ω Twisted pair: 100 Ω

Ordering Information

Type	Model	Description
HDCVI balun	DH-PFM801-POC	1 Channel Passive HDCVI 4K POC Balun (10pcs/box)

Dimensions (mm[inch])

mm [inch]



Application

