

PFM791

HD Video Isolator



- Effectively addresses HDCVI image interference issues caused by ground loops.
- Suitable for use indoors or within junction box.
- Working temperature: $-20\text{ }^{\circ}\text{C}$ to $+55\text{ }^{\circ}\text{C}$ ($-4\text{ }^{\circ}\text{F}$ to $+131\text{ }^{\circ}\text{F}$).

Series Overview

The Video Isolator is specifically engineered for HDCVI analog video surveillance systems. It effectively addresses image issues caused by ground loop interference such as jitter, stripes and distortion. Compact and easy to install, it is ideal for both indoor use and installation in junction boxes.

Technical Specification

Function

Resolution	720p/1080p/4 MP/5 MP/4K
Impedance	Input resistance: 75 ohms Input resistance: 75 ohms

Port

Video Port	BNC
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Protection

Electrostatic Discharge	Contact discharge: 6 kV Air discharge: 8 kV Applicable standard: IEC61000-4-2
Surge Protection Grade	2 kV 10/700us Applicable standard: IEC61000-4-5

Structure

Appearance Color	Black
Casing Material	ABS project material
Product Dimensions	400 mm \times 22.5 mm \times 26 mm (15.75" \times 0.89" \times 1.02") (L \times W \times H)
Packaging Dimensions	925 mm \times 625 mm \times 26 mm (36.42" \times 24.61" \times 1.02") (L \times W \times H)
Packaging Method	One in 1 package box
Net Weight	38 g (0.08 lb)

Gross Weight	0.049 kg (0.11 lb)
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Environment

Operating Temperature	$-10\text{ }^{\circ}\text{C}$ to $+55\text{ }^{\circ}\text{C}$ ($-4\text{ }^{\circ}\text{F}$ to $+131\text{ }^{\circ}\text{F}$)
Operating Humidity	0–95%
Storage Temperature	$-20\text{ }^{\circ}\text{C}$ to $+70\text{ }^{\circ}\text{C}$ ($-4\text{ }^{\circ}\text{F}$ to $+158\text{ }^{\circ}\text{F}$)
Storage Humidity	0–95%

Certification

Certifications	CE: EN 55032: 2015 EN 55035: 2017 EN 61000-3-2: 2014 EN 61000-3-3: 2013 FCC: 47 CFR PART 15&ANSI C63.4
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Ordering Information

Type	Model	Description
Isolator	PFM791	HD Video Isolator

Dimensions (mm[inch])

