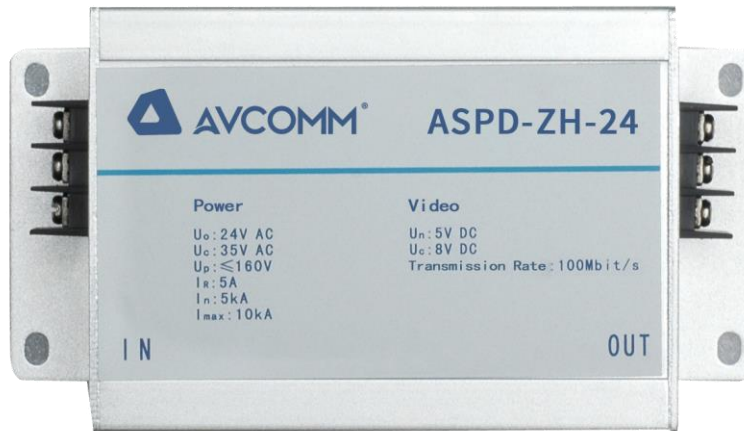




ASPD-ZH-24

Datasheet

Aiming to create better and safer working environments and life experiences through the products we deliver.



AVCOMM Technologies, Inc

www.avcomm.us

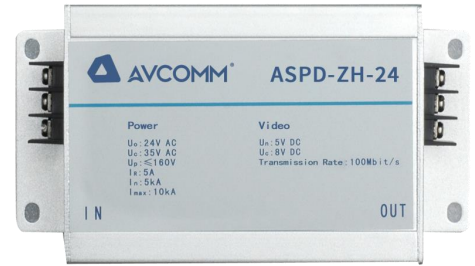
Email: info@avcomm.us

Phone: (713) 933-4534

Address: 333 West Loop North, Suite 460
Houston, TX 77024
United States

2 in 1 Surge Protector

ASPD-ZH-24 integrates the protection of power and video signals into one unit. It features a metal casing for aesthetic appearance and convenient installation. It offers functions such as corrosion resistance, flame resistance, electromagnetic shielding, failure indication, and remote signaling status output.



Ordering Information

Model Name	Description
ASPD-ZH-24	Power supply : 24VAC, 5A; Signal : 5V, RJ45, 100M; -40°C~70°C,IP20
ASPD-ZH-24_r	Power supply : 24VAC, 4A; Signal : 5V, RJ45, 100M; -40°C~70°C,IP20, Remote Signaling Function



Specifications

Power	
Operating Voltage	24VAC
Maximum Continuous Operating Voltage	35VAC
Rated Load Current	ASPD-ZH-24: 5A
	ASPD-ZH-24_r: 4A
Nominal Discharge Current 8/20µs	5kA
Maximum Discharge Current 8/20µs	10kA
Voltage protection level 8/20µs	ASPD-ZH-24: ≤0.16 kV
	ASPD-ZH-24_r: ≤0.3 kV
Protection Mode	ASPD-ZH-24: L~PE, N~PE
	ASPD-ZH-24_r: L1/L2-PE
Connection	ASPD-ZH-24: Single-phase series
	ASPD-ZH-24_r: Single-phase parallel
Signal	
Connection	RJ45
Protected Pins	1, 2; 3, 6
Operating Voltage	5V
Transmission Rate	100Mbit/s
Insertion Loss Rate	≤1dB

ASPD-ZH-24	Limit Voltage 10/700 μ s (L-L)	$\leq 30V$	
	Voltage protection level Ug 1kV/ μ s 8/20 μ s,40A	L-L	$\leq 60V$
		L-PE	$\leq 600V$
	Nominal Discharge Current 8/20 μ s	L-PE	2.5kA
SE-PE		5kA	
ASPD-ZH-24_r	Limit Voltage 10/700 μ s	L-L: $\leq 70V$	L-PE: $\leq 700V$
	Impact Limit Voltage (1) 1 kV / μ s	L-L: $\leq 70V$	L-PE: $\leq 700V$
	Impact Limit Voltage (2) 1.2/50 μ s, 8/20 μ s	L-L: $\leq 70V$	L-PE: $\leq 700V$
	Impact Tolerance 1.2/50 μ s, 8/20 μ s	L-L: 0.6kV, 0.3kA	L-PE: 4kV, 2kA

Mechanical

Dimension	ASPD-ZH-24: 138 mm×76.5 mm×40.5 mm
	ASPD-ZH-24_r: 95mm×57mm×38mm
Ingress Protection	IP20
Material	Metal

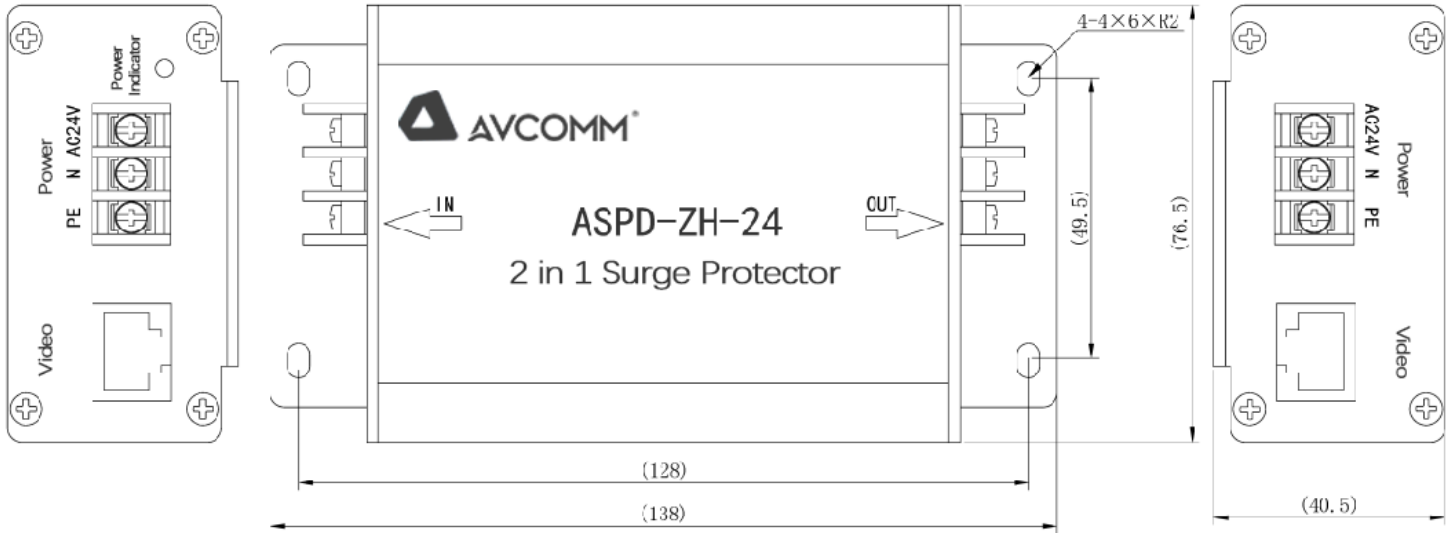
Environmental

Operating temperature	-40°C ~ 70°C
Humidity	$\leq 90\%$
Altitude	86kPa ~ 160kPa
Warranty	3 years

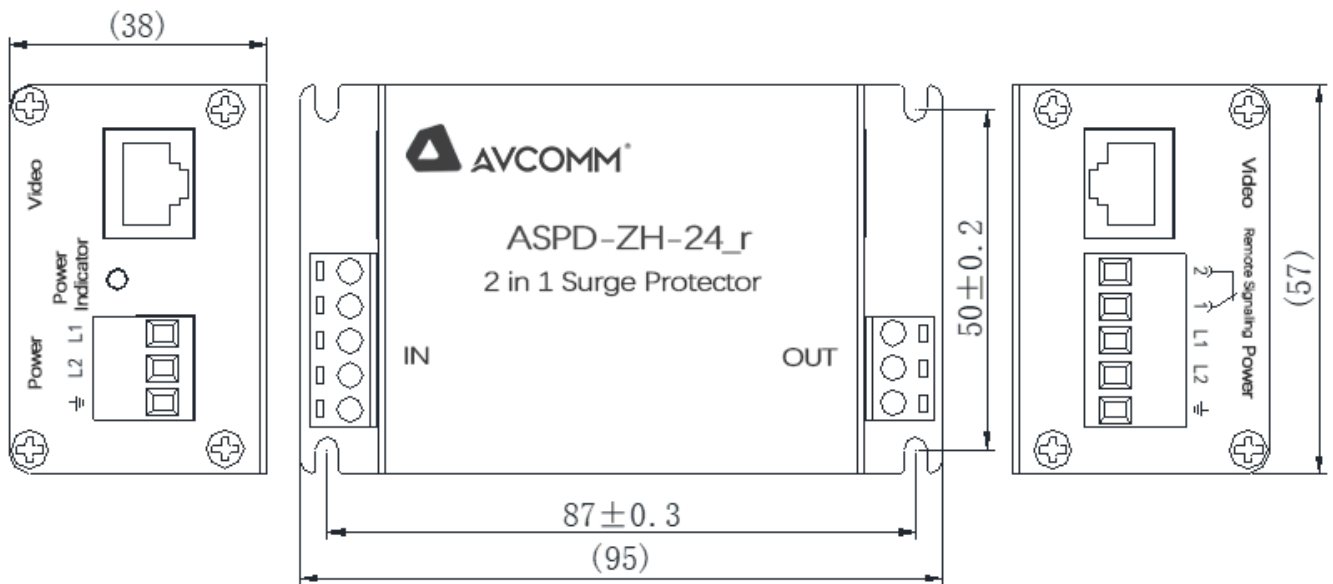
Installation dimensions

Unit: mm

➤ ASPD-ZH-24

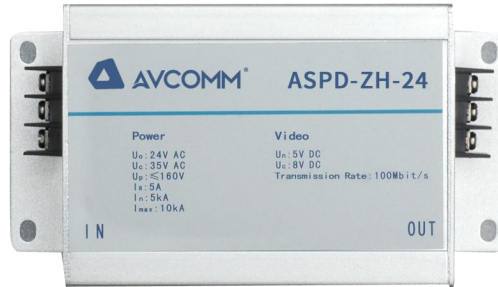


➤ ASPD-ZH-24_r



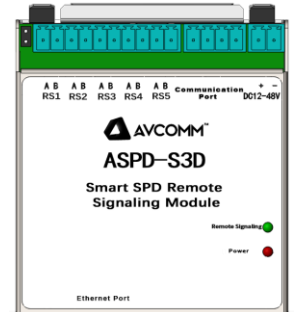
Connection

➤ ASPD-ZH-24



ASPD-ZH-24

➤ ASPD-ZH-24_r



Smart SPD Remote Signaling Module
ASPD-S3D



Ethernet Switch



Cloud Server
ATMS