VOLKTEK

IPS-342P

Unmanaged 1 x 10/100/1000 btPoE & 1 x 10/100/1000 RJ45 Industrial PoE Splitter

Description

The IPS-342P is a rugged unmanaged industrial PoE splitter designed to enhance the performance of high-power devices while simplifying network infrastructure. Featuring one 10/100/1000 btPoE port and one 10/100/1000 RJ45 port, it efficiently converts high-power PoE input into 24VDC outputs, making it ideal for diverse applications.

Built for harsh industrial environments, the IPS-342P operates in extreme temperatures ranging from -40 to 75ºC, ensuring stable and reliable performance in mission-critical applications. With plug-and-play simplicity, it eliminates the need for additional power sources, reducing cabling complexity, installation costs, and maintenance efforts.

Designed for IP security cameras, wireless access points, LED lighting systems, building automation, and industrial control systems, the IPS-342P is the perfect solution to maximize power efficiency, enhance network stability, and streamline industrial connectivity.

Features Highlight

High Powerful Delivery

Meets the growing power needs of high-performance devices with high power delivery on the PSE side, ideal for supporting the latest market advancements.

Versatility and Flexibility

Offers a combination of 1x btPoE port for high-power devices and 1x RJ45 port for standard Ethernet connections. Provides two power outputs with 24VDC interchangeability, adapting to diverse power requirements.

Enhanced Compatibility

Ensures seamless integration with a wide range of PoE-enabled devices thanks to IEEE 802.3bt.

Reliable Protection and Isolation

Safeguards your equipment with built-in SCP (Short Circuit Protection), OLP (Overload Protection), and power isolation features.
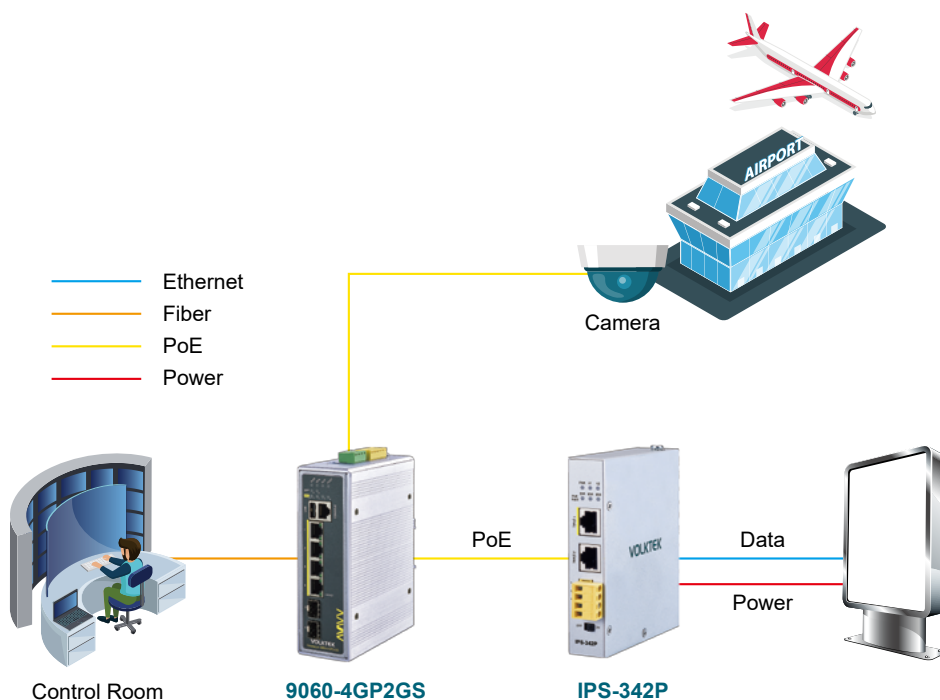
Convenient Installation

Supports both Din-Rail and optional Wall-mount installation for flexible deployment in various environments.

Powered by ADI

Leverages the trusted expertise of Analog Devices to deliver exceptional performance and reliability.

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Applications

Ethernet	
Fiber	
PoE	
Power	

Camera

PoE

Data

Power

Control Room

9060-4GP2GS

IPS-342P

Specifications

Standards	
IEEE 802.3	10BASE-T
IEEE 802.3u	100BASE-TX
IEEE 802.3ab	1000BASE-T
IEEE 802.3af	Power over Ethernet (PoE)
IEEE 802.3at	Power over Ethernet (PoE+)
IEEE 802.3bt	Type 3 / Type 4, 4PPoE, PoE++

Interface	
Ports	1 x 10/100/1000BASE-T btPoE
	1 x 10/100/1000BASE-T RJ45
DIP Switch	DC ON/OFF
LED Panel	System: PWR, V1, V2
	Interface: 30W, 60W, 90W, 1000, LNK/ACT

Power	
Input Voltage	Power input via PoE Port
Power Consumption	6W (System Only)

Mechanical and Environment	
Housing	Aluminum (IP30 Protection)
Operating Temperature	-40~75°C (-40°F~167°F)
Storage Temperature	-40~85°C (-40°F~185°F)
Operating Humidity	5~95% RH (non-condensing)
Storage Humidity	5~95% RH (non-condensing)
Weight	262.2 g (0.64 lb)
Dimension (WxHxD)	25 x 116 x 100 mm (0.98 x 4.57 x 3.93 inch)

Certifications	
Electromagnetic Compatibility	FCC Part 15 Subpart B Class A
	EN 55032 / UKCA Class A
	EN55035 / UKCA
	CISPR 32 Class A
	EN 55011 / UKCA Class A
	CISPR 11 Class A
	EN 61000-6-4 / UKCA
	ICES-003 Issue 7
	EN 61000-6-2 / UKCA
	EN 61000-4-2 (ESD)
	EN 61000-4-3 (RS)
	EN 61000-4-4 (EFT)
	EN 61000-4-5 (Surge)
	EN 61000-4-6 (CS)
	IEC 61000-4-8 (PFMF)
Freefall	IEC 60068-2-31
Shock	IEC 60068-2-27
Vibration	IEC 60068-2-6
Safety	UL 61010-1 / UL 61010-2-210

Ordering Information	
IPS-342P	Unmanaged 1x 10/100/1000 btPoE & 1x 10/100/1000 RJ45 Industrial PoE Splitter

Note:

The highest degree of temperature operation certified by UL is -40˚C~60˚C (-40°F~140°F).

Specifications subject to change without notice.

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Dimension

100.0

116.0

25.0