

Specifications

Product	IPOE-E174
Hardware Specifications	
Network Connector	<p>PoE In Port 1 x 10/100/1000BASE-T Ethernet with ultra PoE "Data + DC" in, auto MDI/MDI-X, auto-negotiation RJ45 connector</p> <p>PoE Out Port 4 x 10/100/1000BASE-T Ethernet with IEEE 802.3af/at PoE "Data + DC" out, auto MDI/MDI-X, auto-negotiation RJ45 connector</p>
Switch Architecture	Store-and-Forward switch architecture
MAC Address Table	8K MAC address table with auto learning function
Data Buffer	1Mbit
Switch Fabric	10Gbps
Switch Throughput	7.44Mpps @ 64Bytes
Flow Control	IEEE 802.3x pause frame for full duplex Back pressure for half duplex
Jumbo Frame	9Kbytes
ESD Protection	6KV DC
EFT Protection	6KV DC
Enclosure	IP30 aluminum metal case
Installation	DIN rail kit and wall-mount ear
LED Display	<p>System: PWR (Green)</p> <p>Power Input: Midspan in (Green) Endspan in (Green)</p> <p>PoE Power Usage (%): 25 (Green) 50 (Green) 75 (Green)</p> <p>PoE Input Port: LNK/ACT (Green) PoE in (Orange)</p> <p>Per PoE Output Port: LNK/ACT (Green) PoE-in-Use (Orange)</p>
Cable	Twisted-pair cable : 10BASE-T: 2-pair UTP Cat. 3, 4, 5 up to 100 meters 100BASE-TX: 2-pair UTP Cat. 5, 5e up to 100 meters 1000BASE-T: 4-pair UTP Cat. 5e, 6 up to 100 meters
Dimensions (W x D x H)	56 X 87.8 X 135 mm
Weignt	715g
Power Consumption	60 watts / 204.6BTU (Full loading with PoE function)
Power over Ethernet	
PoE Standard	<p>PoE In Port IEEE 802.3at High Power over Ethernet end-span / mid-span class 4 PD</p> <p>Per PoE Out Port IEEE 802.3at High Power over Ethernet end-span PSE IEEE 802.3af Power over Ethernet end-span PSE</p>
PoE Power	<p>PoE In Port 50~57V DC, max. 60 watts</p> <p>Per PoE Out Port 44~55V DC, max. 30.8 watts</p>
Power Pin Assignment	<p>PoE In Port 1/2(+), 3/6(-); 4/5(+), 7/8(-)</p> <p>Per PoE Out Port 1/2(+), 3/6(-)</p>
PoE Power Budget	<p>50 watts (max.) @ Ultra PoE input 20 watts (max.) @ IEEE 802.3at PoE+ input No support @ IEEE 802.3af PoE input</p>

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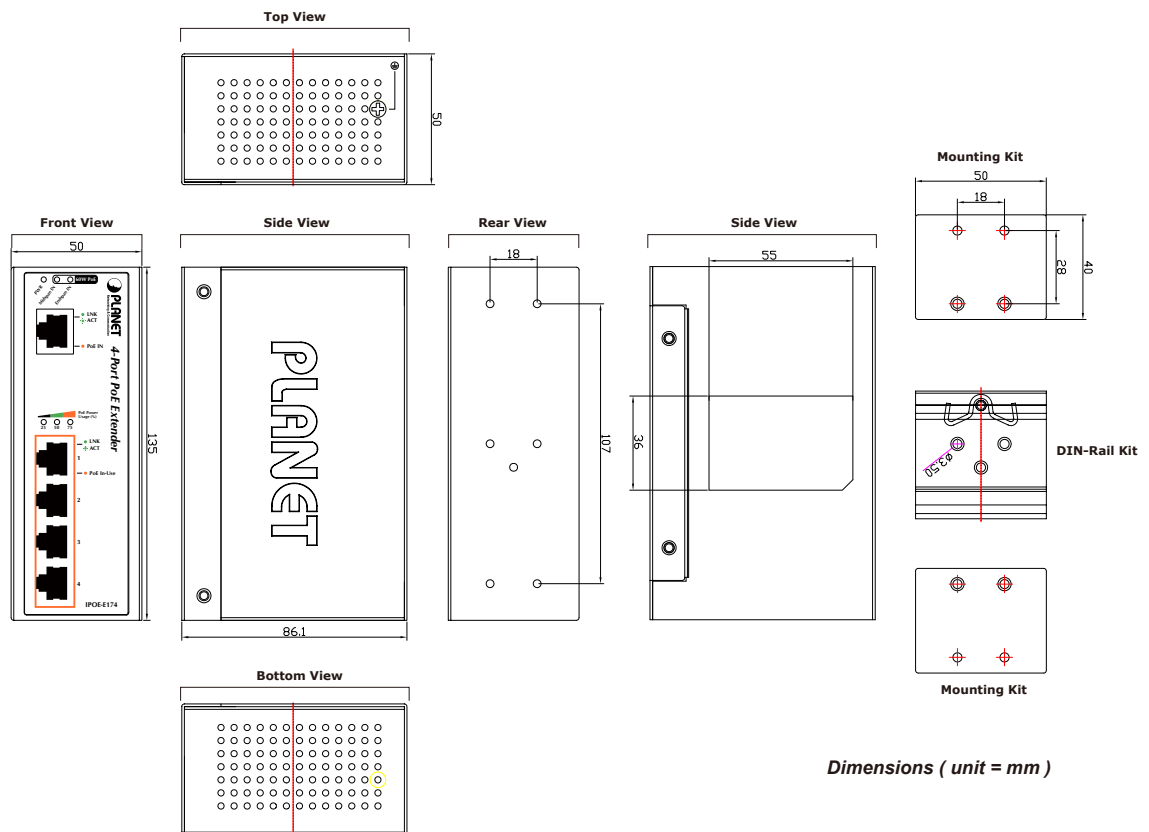
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Standards Conformance	
Regulation Compliance	FCC Part 15 Class A, CE
Stability Testing	IEC 60068-2-32 (Free fall)
	IEC 60068-2-27 (Shock)
	IEC 60068-2-6 (Vibration)
Standards Compliance	IEEE 802.3 Ethernet
	IEEE 802.3u Fast Ethernet
	IEEE 802.3ab Gigabit Ethernet
	IEEE 802.3x Flow Control
	IEEE 802.3af Power over Ethernet
IEEE 802.3at High Power over Ethernet	
Environment	
Operating	Temperature: -40 ~ 75 degrees C
	Relative Humidity: 5 ~ 95% (non-condensing)
Storage	Temperature: -40 ~ 85 degrees C
	Relative Humidity: 5 ~ 95% (non-condensing)

Ordering Information



Ordering Information

IPoE-E174 1-Port Ultra PoE to 4-Port 802.3af/at Gigabit PoE Extender

Related Products

POE-171	Single-Port 10/100/1000Mbps Ultra PoE Injector (60 watts/Metal)
POE-173	Single-Port 10/100/1000Mbps Ultra PoE Injector (60 watts/Plastic)
POE-E201	IEEE 802.3at Power over Gigabit Ethernet Extender
POE-E101	IEEE 802.3af Power over Ethernet Extender

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