Industrial 1-Port 802.3at PoE+ to 4-Port 802.3af/at Gigabit PoE Extender

Features

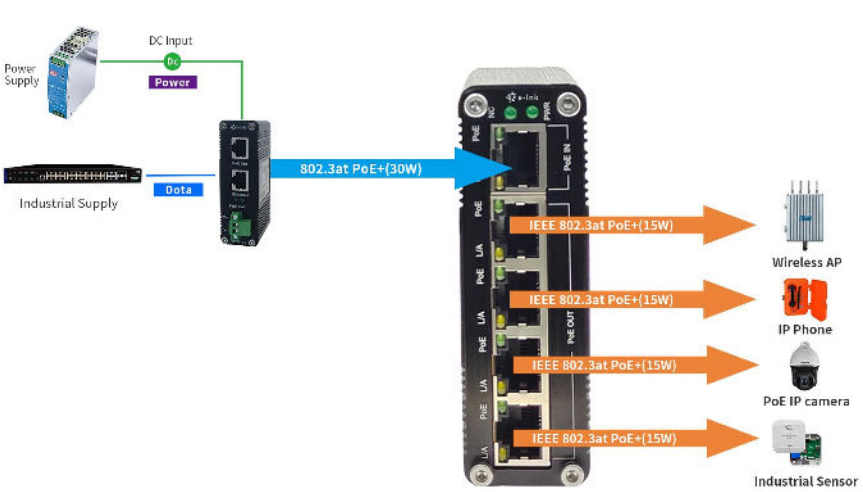
- 10/100/1000Mbps Ethernet Ports
- 1 RJ-45 PoE/PD + 4 RJ-45 PoE/PSE
- IP40-rated aluminum case
- Can be Powered by IEEE 802.3at 30W Power Sourcing Equipment
- Can Power IEEE 802.3af PoE, IEEE 802.3at Powered Devices
- Extends an additional 100m for PoE network. Daisy chain support connection up to 3 PoE Extenders for a total PoE+ network extension of 400m (1,312 ft.)
- Support DIN-Rail & Wall-mount installation
- Environmentally Hardened -40°C to 80°C (-40°F to 176°F) operating temperature



Overview

LNK-IPE104-30 is an industrial 1-Port 802.3at PoE+ to 4-Port 802.3af/at Gigabit PoE Extender designed especially for the point to multipoint PoE application. The LNK-IPE104-30 can obtain a maximum of 30-watt PoE power from 802.3at PoE+ input port and supplies a maximum of 25-watt PoE power budget for 4 PoE output ports, extending both the reach of Gigabit Ethernet Data and IEEE 802.3at Power over Ethernet over the standard 100m (328 ft.) Cat. 5/5e/6 UTP cable to 200m where up to 4 powered devices (PDs) can be powered at the same time. The LNK-IPE104-30 provides a simple solution for adding PoE ports without running more cabling and achieves more flexible network applications without requiring an external power adapter.

Application



Technical Indexes

Ethernet Port	
PoE Input Port	10/100/1000Base-TX RJ45, IEEE 802.3at PoE Input Input Power 50~57V DC, Max 30W
PoE Output Port	1*10/100/1000Base-TX RJ45, IEEE 802.3af/at PoE Output Output Power: Max 25.5W in total, 25.5W@ 101m, 20W@ 200m
Cascade connection	Support 3 grade
Power over Ethernet	
PoE Standard	IEEE 802.3af Power over Ethernet IEEE 802.3at Power over Ethernet Plus
PoE Power Supply Type	Mid-span and End-span
PoE Pin Assignment	1/2(+), 3/6(-),4/5(+), 7/8(-)
Switch Property	
Standards	IEEE 802.3 Ethernet IEEE 802.3u Fast Ethernet IEEE 802.3ab Gigabit Ethernet IEEE 802.3x Flow Control
Forwarding Modes	Store and Forward
Transmission Distance	100m
MAC Table	8K
Switching Capacity	10Gbps
Packet Forwarding Rate	14.88Mpps
Flow Control	IEEE 802.3x pause frame for full duplex, Back pressure for half duplex
Jumbo Frame	10K bytes
Environment	
Surge Immunity	6KV, Standard: IEC6000-4-5
ESD Protection	6KV 1a Contact Discharge Level 3, 8KV 1b Air Discharge Level 3, Standard: IEC61000-4-2
Protection Level	IP 40
Operating Temperature	-40°C to 80°C (-40°F to 176°F)
Storage Temperature	-40°C to 85°C (-40°F to 185°F)
Operating Humidity	0~95% (non-condensing)
Physical Parameter	
Dimensions (WxDxH)	95 x 70 x 30 mm
Weight	0.25Kg
Casing	Aluminum Case
Mounting Options	DIN-Rail / Wall-mount
Certifications	
Certifications	CE, FCC, RoHS

Ordering Information

Model	Description
LNK-IPE104-30	Industrial 1-Port 802.3at PoE+ to 4-Port 802.3af/at Gigabit PoE Extender
Mounting Options	► Default DIN-Rail Bracket installed; Wall Mount Bracket is included.

Dimension

