

Key Features & Benefits



- Extend PoE distance to IP network cameras through Cat5e Ethernet cables to 200 Meters
- Compatible with IEEE 802.3af/at PSE devices
- Support 10/100/1000M data transmission through RJ45 port
- Auto-negotiation and auto-MDIX fast Ethernet RJ45 port
- Both mid-span (4/5+, 7/8-) and end-span (1/2+, 3/6-)
- IEEE 802.3at; IEEE 802.3i; IEEE 802.3u; IEEE 802.3x Flow Control; IEEE 802.1at DTE Power via MDI
- 100Base-TX : Cat5 UTP (≤100 meters)
- Store-And-Forward architecture
- 2x RJ45 PoE ports; maximum 25.5W for single PoE port
- Front-end receiving and Back-end supply power

LinkPower™ GIGABIT PE1025 PoE eXtender

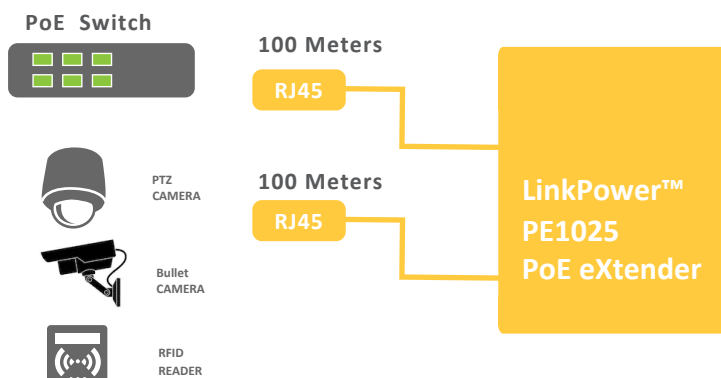
LinkPower™ PE1025 25.5W PoE eXtender

Inscape Data's LinkPower™ PE1025 PoE eXtender (Power over Ethernet) Splitter is a simple device that is capable of extending from 100 meters of a standard Ethernet transmission to 200 meters through a CAT5e/6 UTP cable. It is simple as plug and play with no additional power supply and set up required. It offers great flexibility to extend the distance of your PoE network and break the 100 meters limit distance. The PE1025 PoE eXtender supports forwards both Ethernet data and PoE power to remote devices .

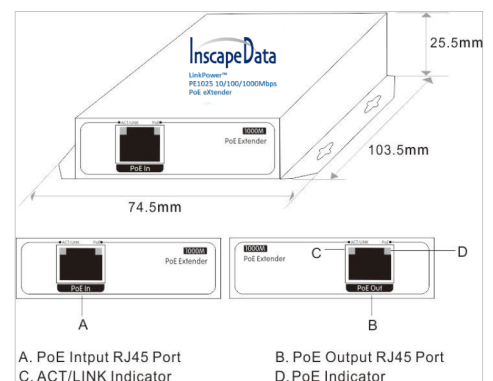
Applications

- Smart City
- IP Video Surveillance
- Campus Network
- Border Security Surveillance
- Municipal Network
- Energy & Refineries
- Hospitality Network
- Hotel Resort Network
- Hotspot Integration
- VOIP Service
- Traffic Monitoring

System Configurations

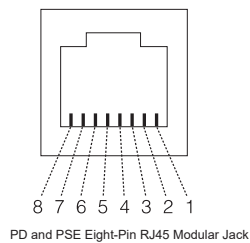


Product Layout



Technical Specifications

Product Name	10/100/1000M PoE Extender 25.5W
Model	PE1025
Description	10/100/1000M PoE extender, extends the data transmission from 100m to 200m
Network Protocols and Standards	IEEE 802.3i 10BASET; IEEE 802.3u 100BASET; IEEE 802.3x Flow Control; IEEE 802.1at DTE Power via MDI; IEEE 802.3at
Network Medium	Cat5 or more UTP (≤100 meter)
Backplane Bandwidth	8Gbps
Forwarding Way	Store-And-Forward architecture
MAC Address Table Size	1K
Port Description	1x RJ45 PoE input port; 1x RJ45 PoE output port
PoE Features	PoE standard: IEEE802.3at
	PoE port power: 25.5W
	Default: end-span(1/2+, 3/6-) . Optional:Mid-span(4/5+, 7/8-)
LED Indicator Status	ACT/LINK: Network status , PoE: PoE working status
Dimension/Weight	Dimension(LxWxH): 74.5x103.5x25.5mm
Environment	Operating temperature: 0 to 55° C; Storage temperature: -20 to 75° C; Working Humidity: 10%~90%, non-condensing
Safety	CE Mark ,commercial, FCC Class, RoHS
Warranty	1 year warranty
Package List	POE Extender, User Guide, Warranty Card



RJ45 Conductor Pin#	PSE Pinout		PD Pinout	
	802.3af Mode A	802.3af Mode B/ Passive PoE*	802.3af Mode A	802.3af Mode B/ Passive PoE*
1	Rx, V+	Rx	TX+, V+	TX+
2	Rx, V+	Rx	TX-, V+	TX-
3	Tx, V-	Tx	RX+, V-	RX+
4	Spare	V+		V+
5	Spare	V+		V+
6	Tx, V-	Tx	RX-, V-	RX-
7	Spare	V-		V-
8	Spare	V-		V-

PACKAGE CONTENTS

- PE1025 (1)
- User Manual (1)
- 1-Year Warranty Sheet (1)



United States Headquarters 1620 Oakland Road, Suite D101, CA 95131, U.S.A.
PHONE +1.408.392.9800 TOLL FREE +1.888.267.4507 FAX +1.408.392.9812 EMAIL sales@inscapedata.com

Revision 1.0

Total PoE Solutions for Wired/Wireless, IP Video, & Smart City Applications

© Copyright 2018, Inscape Data Corporation, All Rights Reserved. LinkPower, AirEther, AirGoogle and Inscape Data are trademarks of Inscape Data Corporation

Disclaimer: While every effort is made to ensure the information given is accurate, Inscape Data Corporation does not accept liability for any errors or mistakes which may arise. All specifications are subject to change without notice.