



8-Port ePoE Switch

PRODUCT SPECIFICATIONS

Hardware

Included Power Adapter	Yes
PoE	Yes
Ethernet Port	8
Ethernet Port Speed	10/100 Mbps
Ethernet Port Uplink Speed	10/100/1000 Mbps
Optical Port Uplink Speed	1 Gbps
Description of Function Slots	Port 1-8: 8 × RJ-45 10/100 Mbps Port 9: 1 × RJ-45 10/100/1000 Mbps Port 10: 1 × SFP 1000 Mbps
Power Supply	External power supply: 54 VDC, 2.22 A
Operating Temperature	22 °F to 149 °F / -30 °C to 65 °C
Operating Humidity	10%–90% (RH), non-condensing
Power Consumption	Idling: 3.2 W Full load: 120 W

Performance

Layer	Layer 2
Management Type	No
Smart Managed Switch	No
Switching Capacity	8.8 Gbps
Packet Forwarding Rate	5.36 Mpps
Packet Buffer Size	2.75 Mbit
Jumbo Frame	9216 Byte
MAC Table Size	8K Byte
Communication Standard	IEEE802.3, IEEE802.3u, IEEE802.3ab/z, IEEE802.3X

Feature

PoE Protocol	IEEE 802.3af, IEEE 802.3at, Hi-PoE, IEEE 802.3bt
PoE Power	Port 1,5 ≤90 W Port 2,3,4,6,7,8 ≤30 W Total ≤120 W
PoE Pin Assignment	1, 2, 4, 5 (V+), 3, 6, 7, 8 (V-)
Long Distance PoE Transmission (ePoE)	Yes



General

Statics Protection	Air discharge: 8 kV Contact discharge: 6 kV
Lighting Protection	Common mode: 4 kV Differential mode: 2 kV
Weight	1.32 lb / 0.6 kg
Product Dimensions (L × W × H)	5.91 × 3.94 × 1.65" / 150 × 100 × 42 mm
Casing Material	Iron
Installation	Rack mount, DIN guide rail mount
Certifications	CE, FCC

Transmission Performance

Cable Length (m)	Communication Bandwidth (Mbps)	PoE Max Load Capacity (W)	Hi-PoE Max Load Capacity (W)	IEEE802.3bt Max Load Capacity (W)	Network Operating
100	100	25.5	53	71.3	IEEE/E100
200	100	25.5	47	52	E100
300	100	25.5	32	40	E100
400	10	23	26	30	E10
500	10	20	20	25	E10
800	10	13	13	13	E10

ePoE switch supply voltage 54V

CAT6, max. DC resistance < 10 Ω/100 m



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MODEL INFORMATION

LK100 6-95529-05368-4

PACKAGE DIMENSIONS

Package	Brown Box
Package Weight	2.73 lb / 1.23 kg
Package Dimensions (W x D x H)	10.55 x 9.37 x 2.95" / 267 x 237 x 74 mm
Package Cube	0.168 ft ³ / 0.004 m ³

PACKAGE CONTENTS

- 1 x AEX8-2 Switch
- 1 x Power Adapter & Cable

PRODUCT DIMENSIONS

