



LOREX AEX8 8-Port ePoE Switch User Guide

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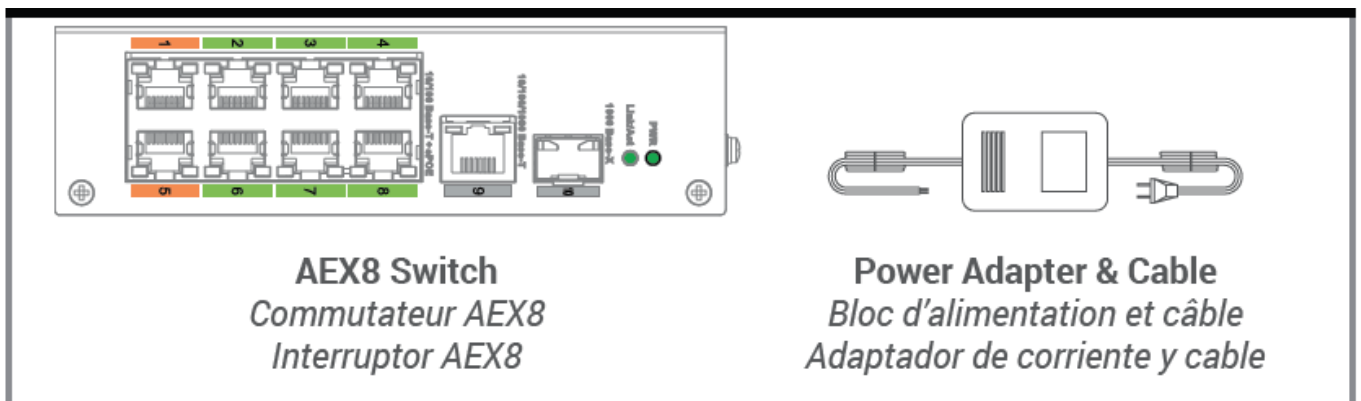
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LOREX AEX8 8-Port ePoE Switch



Package Contents



Safety Precautions

Please read the following safeguards and warnings carefully before using the product in order to avoid damages and losses:

- Do not expose the device to lampblack, steam or dust. Otherwise, it may cause fire or electric shock.
- Do not install the device at position exposed to sunlight or in high temperature. Temperature rise in device may cause fire.
- Do not expose the device to humid environment. Otherwise, it may cause fire.
- The device must be installed on solid and flat surface in order to guarantee safety under load and earthquake. Otherwise, it may cause device to fall off or turnover.
- Do not place the device on carpet or quilt.
- Do not block air vent of the device or ventilation around the device.
- Otherwise, temperature in device will rise and may cause fire.
- Do not place any object on the device.
- Do not disassemble the device without professional instruction.

- To avoid personal injury or damage to the device, power off the device before removing the cable.
- Voltage stabilizer and lightning arrester are optional according to site power supply and surrounding environment.

Warnings

- Do not use a power line other than the one specified. Please use it properly. Otherwise, it may cause fire or electric shock.
- Be sure to ground the device (cross section of copper wire: > 2.5 mm² resistance to ground: < 4 0 Ω).

Disclaimers

- This manual is for reference only.
- All the designs and software here are subject to change without prior written notice.

Need Help?

For up-to-date information and resources:

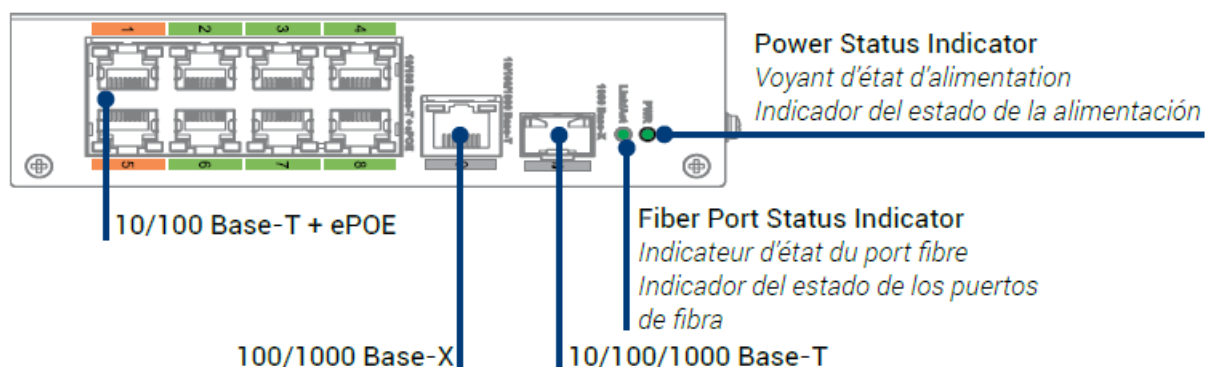
1. Visit help.lorex.com
2. Search for the model number of your product
3. Click on your product in the search results
4. Click on the Downloads tab

Register your product

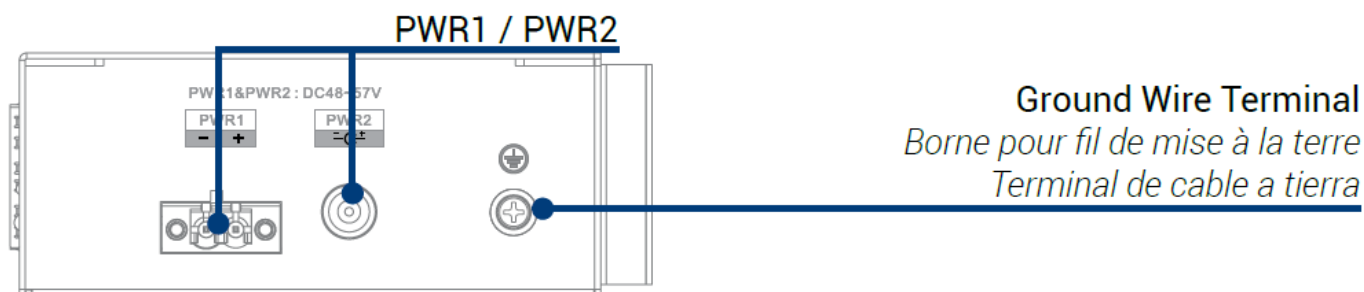
Please see our full Terms of Service and Limited Hardware Warranty Policy at: lorex.com/warranty

Product Overview

Front Panel



Side Panel



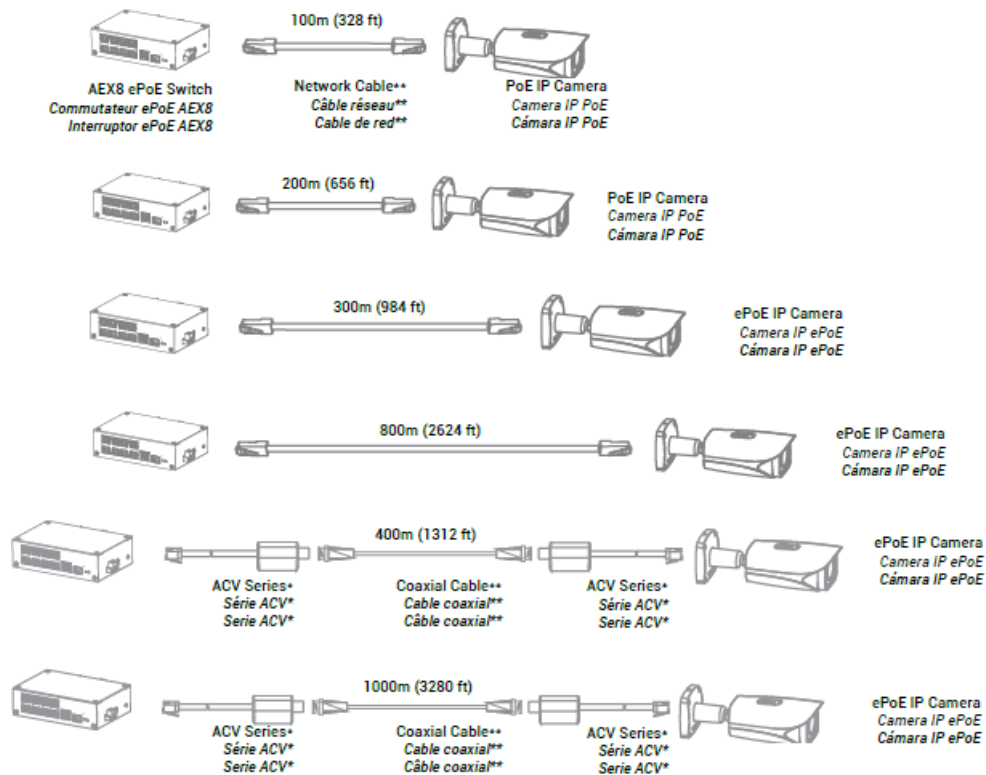
Name	Function
10/100 Base-T	8" 10/100M self-adaptive PoE power supply ports
10/100/1000 Base-T	10/100/1000M self-adaptive RJ45 port <i>Port RJ45</i>
100/1000 Base-X	100M self-adaptive fiber port
Link / Act	Fiber port status indicator light
Power Status Indicator	Power indicator light, used as PoE power supply status indicator light as well
PWR1 / PWR2	Supports DC 48~57V
Ground Wire Terminal	Ground wire terminal

Power Status Indicator	During Setup	
Single port device power on	Slow flash twice	
Single port device power off	Quick flash once, slow flash once	
Total device consumption overload	Quick flash twice	
Port indicator light is to display the status of current transmission mode for the port, which includes IEEE mode, E100 and E10.		
Status Indicator – Working Mode	Display Mode	
IEEE mode	Normally ON	
Single port (E100) device power off	Slow flash	
Total device (E10) consumption overload	Quick flash	

Setup

- Option
PowerHi-PoE

- Option
Power IEEE
- Option
Data+ Power E100
- Option
Data+ Power E100
- Option
Data+ Power E100
- Option
Data+ Power E10



*ACV Series Converter and camera not included

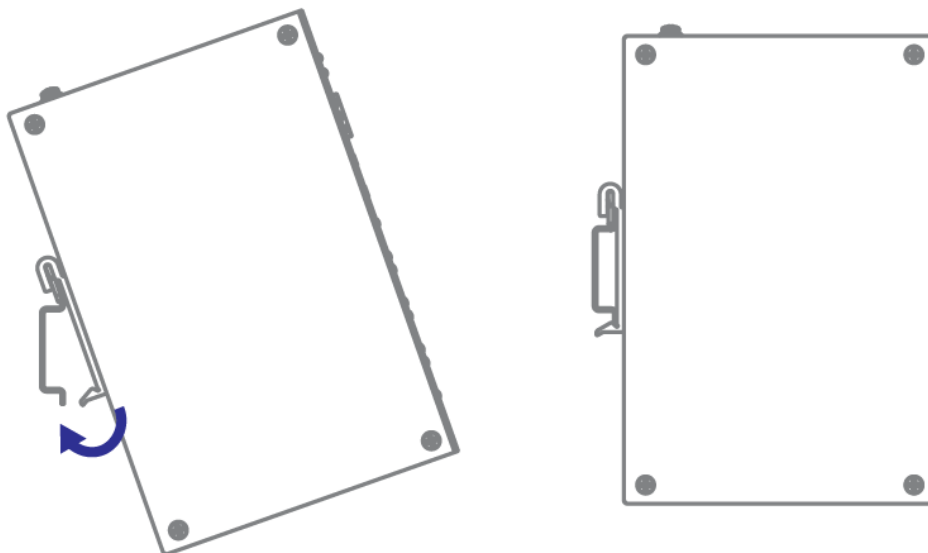
Product Description

8-Port ePoE Switch is a layer two hardened switch, which supports long distance Ethernet power supply. It provides eight 10/100M Ethernet ports, one 1000M Ethernet port and one 1000M fiber port. The product is equipped with three self-adaptive transmission modes which are IEEE, E100 and E10. It supports both twisted-pair transmission and coaxial cable transmission.

Mounting

The product supports DIN rail mounting. Lay the ePoe switch hook on the rail, then press the switch to secure the buckle into the slide.

Note: 8-port ePoE switch supports the slide width of 28mm (1.1”).



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This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

ePoE Power Supply Specifications (CAT)

Cable Length (m)	Communication Band width	PoE Max Load Capacity (W)	Hi-PoE Max Load Capacity (W)	Network Operating Mode
100	100	25.5	53	IEEE/E100
200	100	25.5	33	E100
300	100	19	19	E100
400	10	17	17	E10
500	10	13	13	E10
800	10	7	7	E10

ePoE switch supply voltage 48V./ CAT5E/CAT6, max. DC resistance < 10 Ω / 100m (328 ft).

Cable Length (m)	Communication Bandwidth	PoE Max Load Capacity (W)	Hi-PoE Max Load	Network Operating Mode
100	100	25.5	53	IEEE/E100
200	100	25.5	47	E100
300	100	25.5	32	E100
400	10	23	26	E10
500	10	20	20	E10
800	10	13	13	E10

ePoE switch supply voltage 53V. / CAT5E/CAT6, max. DC resistance < 10 Ω / 100m (328 ft).

Cable Length (m)	Communication Bandwidth (Mbps)	PoE Max Load Capacity (W)	Hi-PoE Max Load Capacity (W)	Network Operating Mode
100	100	25.5	50	IEEE/E100
200	100	25.5	30	E100
300	100	18	18	E100
400	100	15	15	E10
500	10	12	12	E10
800	10	6	6	E10
1000	10	5	5	E10

ePoE switch supply voltage 48V. / RG-59, max. DC resistance < 4 Ω / 100m (328 ft).

Cable Length (m)	Communication Bandwidth (Mbps)	PoE Max Load Capacity (W)	Hi-PoE Max Load Capacity (W)	Network Operating Mode
100	100	25.5	52	IEEE/E100
200	100	25.5	48	E100
300	100	25.5	30	E100
400	100	20	23	E100
500	10	16	16	E10
800	10	10	10	E10
1000	10	8	8	E10

ePoE switch supply voltage 53V. / RG-59, max. DC resistance < 4 Ω / 100m (328 ft).

Documents / Resources

	LOREX AEX8 8-Port ePoE Switch [pdf] User Guide AEX8, 8-Port ePoE Switch, ePoE Switch, 8-Port Switch, Switch, AEX8 Switch
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References

- [🌐 Lorex Technical Support | LOREX Support](#)
- [📄 Lorex Limited Warranty - Exceptions, Obligations | Lorex](#)