



IES200-LS-P SERIES

Unmanaged Industrial
PoE Switch



Wide-range working
temperature 800,000
hours MTBF



Aluminum
corrugated rapid
heat dissipation
Casing



Triple power
redundant input
design



IP40 protection 6KV
lightning protection

Product Overview

IES200-LS-P is an unmanaged industrial PoE switch engineered for harsh environments. Its industrial-grade design delivers strong EMC performance and resistance to vibration and shock, while the IP40-rated metal enclosure ensures long-term, stable operation. It offers dual uplinks, including fiber options for long-distance outdoor networking. The standard DIN-rail enclosure enables plug-and-play installation for easy integration into a wide range of industrial communication networking scenarios.

Practicality

- Plug and play, easy to use;
- Simple and safe device maintenance;
- Standard DIN-rail installation, convenient; Compact size and easy to install.

Product Characteristics

- Compliant with IEEE 802.3, 802.3u, 802.3x
- 10/100/1000 Mbps auto-negotiation on Ethernet ports
- Industrial-grade protection, operating temperature -40°C to $+75^{\circ}\text{C}$
- Redundant power inputs with reverse-polarity protection
- Large packet buffer for stutter-free HD video streams
- Low power, fanless, noise-free design
- IP40 protection, high-strength enclosure, DIN-35 rail mounting
- Extend / Standard mode selectable via DIP switch
- Triple power input design
- DIP-switch selectable modes: VLAN/Extend/Standard
- Selectable operating modes: Normal/Surveillance/Port Isolation
- Power input: Industrial-grade 48–55V DC power input (dual phoenix terminal and single DC2.1 jack input)
- Supports Fast Ring (rapid ring redundancy) and Extend (long-reach) functions
- Supports 802.3 af/at/bt PoE/PoE+/PoE++

Model Lists



IES200-LS1108P

- 8-Port 100M PoE+
- 1-Port Gigabit RJ45+
- 1-Port Gigabit SFP



IES200-LS1140P

- 4-Port Gigabit PoE+
- 1-Port Gigabit RJ45+
- 1-Port Gigabit SFP



IES200-LS2040P

- 4-Port Gigabit PoE+
- 2-Port Gigabit SFP



IES200-LS2080P

- 8-Port Gigabit PoE+
- 2-Port Gigabit SFP

Product Specifications

Item		IES200-LS1108P	IES200-LS1140P	IES200-LS2040P	IES200-LS2080P
Port	Downlink	8-Port 100M PoE	4-Port Gigabit PoE	4-Port Gigabit PoE	8-Port Gigabit PoE
	Uplink	1-Port Gigabit RJ45 1-Port Gigabit SFP	1-Port Gigabit RJ45 1-Port Gigabit SFP	2-Port Gigabit SFP	2-Port Gigabit SFP
Switching capacity		5.6Gbps	12Gbps	12Gbps	20Gbps
Packet Forwarding Rate		4.166Mpps	8.928Mpps	8.928Mpps	14.88Mpps
Packet Buffer		1Mbit	1Mbit	1Mbit	4Mbit
MAC capacity		8K	8K	8K	8K
Chassis	Dimensions (WxDxH)(mm)	138×108×51	120×87×34	120×87×34	138×108×51
	Weight(kg)	0.83	0.52	0.38	0.71
Package	Dimensions (WxDxH)(mm)	245×190×60	175×130×55	175×130×55	245×190×70
	Weight(kg)	0.97	0.63	0.48	0.92
Power input		DC: 48~55V	DC: 48~55V	DC: 48~55V	DC: 48~55V
Operating temperature		-40°C~75°C	-40°C~75°C	-40°C~75°C	-40°C~75°C
Storage temperature		-40°C~85°C	-40°C~85°C	-40°C~85°C	-40°C~85°C
Operating humidity		10%~90% non-condensing	10%~90% non-condensing	10%~90% non-condensing	10%~90% non-condensing
Storage humidity		5%~95% non-condensing	5%~95% non-condensing	5%~95% non-condensing	5%~95% non-condensing
Working mode		Default	Default	Default	Default
		Extend	Extend	Extend	Extend
		VLAN	VLAN	VLAN	Fast ring
		PoE watchdog	PoE watchdog	PoE watchdog	/
PoE	Standard	802.3af/at/bt	802.3af/at/bt	802.3af/at	802.3af/at/bt
	PoE++	Port1-2:90W	Port1:90W	/	Port1:60W
	PoE+/PoE	Port1-8:<30W	Port1-4:<30W	Port1-4:<30W	Port1-8:<30W
	Budget	240W	180W	120W	200W@60°C; 120W@75°C

Ordering Information

Item	Description
IES200-LS-P Series Industrial PoE Switch	
IES200-LS1108P	8-port 100M PoE + 1-port Gigabit RJ45 + 1-port Gigabit SFP Unmanaged Industrial Switch, Industrial-grade 48~55V input (4-pin terminal block / DC 2.1), operating temperature -40°C~75°C; DIN-rail installation, power cord not included.
IES200-LS1140P	4-port Gigabit PoE + 1-port Gigabit RJ45 + 1-port Gigabit SFP Unmanaged Industrial Switch, Industrial-grade DC48~55V input (4-pin terminal block + DC 2.1), operating temperature -40°C~75°C; DIN-rail installation, power cord not included.
IES200-LS2040P	4-port Gigabit PoE + 2-port Gigabit SFP Unmanaged Industrial Switch, Industrial-grade DC48~55V input (4-pin terminal block + DC 2.1), operating temperature -40°C~75°C; DIN-rail installation, power cord not included.
IES200-LS2080P	8-port Gigabit PoE + 2-port Gigabit SFP Unmanaged Industrial Switch, Industrial-grade DC48~55V input (4-pin terminal block + DC 2.1), operating temperature -40°C~75°C; DIN-rail installation, power cord not included.

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