



IES200-LS SERIES

Unmanaged
Industrial 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 Series is an unmanaged industrial switch engineered for harsh environments. Its industrial-grade design delivers excellent EMC performance and resistance to vibration and shock, while the IP40-rated metal enclosure ensures long-term, stable operation. The standard DIN-rail enclosure supports plug-and-play installation, enabling easy integration into various 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 °C
- High-strength cast-iron housing, DIN-rail (35 mm) mounting
- 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 12–55V DC power input (dual phoenix terminal and single DC2.1 jack input)
- Supports Fast Ring (rapid ring redundancy) and Extend (long-reach) functions

Model Lists



IES200-LS0005

- 5-Port 100M RJ45



IES200-LS0008

- 8-Port 100M RJ45



IES200-LS0050

- 5-Port Gigabit RJ45



IES200-LS0080

- 8-Port Gigabit RJ45



IES200-LS1108

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



IES200-LS1140

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



IES200-LS2040

- 4-Port Gigabit RJ45+
- 2-Port Gigabit SFP



IES200-LS2080

- 8-Port Gigabit RJ45+
- 2-Port Gigabit SFP

Product Specifications

Item		IES200-LS0005	IES200-LS0008	IES200-LS0050	IES200-LS0080
Port	Downlink	4-Port 100M RJ45	8-Port 100M RJ45	4-Port Gigabit RJ45	8-Port Gigabit RJ45
	Uplink	1-Port 100M RJ45	/	1-Port Gigabit RJ45	/
Switching capacity		1Gbps	1.6Gbps	10Gbps	16Gbps
Packet Forwarding Rate		0.744Mpps	1.19Mpps	7.44Mpps	11.9Mpps
Packet Buffer		448K	768Kbit	3Mbit	4Mbit
MAC capacity		1K	1K	2K	8K
Chassis	Dimensions (WxDxH)(mm)	100×76.5×30	100×76.5×30	100×76.5×30	100×76.5×30
	Weight(kg)	0.27	0.28	0.27	0.28
Package	Dimensions (WxDxH)(mm)	175×130×55	175×130×55	175×130×55	175×130×55
	Weight(kg)	0.36	0.37	0.36	0.37
Power input		DC: 12~55V	DC: 12~55V	DC: 12~55V	DC: 12~55V
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%~90% non-condensing	5%~90% non-condensing	5%~95% non-condensing	5%~90% non-condensing
Working mode		Default	Default	Default	Default
		Extend	Extend	Extend	Extend

Product Specifications

Item		IES200-LS1108	IES200-LS1140	IES200-LS2040	IES200-LS2080
Port	Downlink	8-Port 100M RJ45	4-Port Gigabit RJ45	4-Port Gigabit RJ45	8-Port Gigabit RJ45
	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		4Mbit	1Mbit	1Mbit	1Mbit
MAC capacity		8K	2K	2K	2K
Chassis	Dimensions (WxDxH)(mm)	138×108×51	120×87×34	120×87×34	138×108×51
	Weight(kg)	0.76	0.52	0.52	0.71
Package	Dimensions (WxDxH)(mm)	245×190×60	175×130×55	175×130×55	245×190×70
	Weight(kg)	0.9	0.63	0.63	0.92
Power input		DC: 12-55V	DC: 12-55V	DC: 12-55V	DC: 12-55V
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
		VLAN	VLAN	VLAN	Fast ring
		Extend	Extend	Extend	Extend

Ordering Information

Item	Description
IES200-LS Series Industrial Switch	
IES200-LS0005	5-Port 100M RJ45 Unmanaged Industrial Switch, Industrial-grade 12–55V DC power input (dual pheonix terminal and single DC2.1 jack input), operating temperature -40°C~75°C; DIN-rail installation, power cord not included.
IES200-LS0008	8-Port 100M RJ45 Unmanaged Industrial Switch, Industrial-grade 12–55V DC power input (dual pheonix terminal and single DC2.1 jack input), operating temperature -40°C~75°C; DIN-rail installation, power cord not included.
IES200-LS0050	5-Port Gigabit RJ45 Unmanaged Industrial Switch, Industrial-grade 12–55V DC power input (dual pheonix terminal and single DC2.1 jack input), operating temperature -40°C~75°C; DIN-rail installation, power cord not included.
IES200-LS0080	8-Port Gigabit RJ45 Unmanaged Industrial Switch, Industrial-grade 12–55V DC power input (dual pheonix terminal and single DC2.1 jack input), operating temperature -40°C~75°C; DIN-rail installation, power cord not included.
IES200-LS1108	8-Port 100M RJ45+ 1-port Gigabit RJ45+ 1-port Gigabit SFP Unmanaged Industrial Switch, Industrial-grade 12–55V DC power input (dual pheonix terminal and single DC2.1 jack input), operating temperature -40°C~75°C; DIN-rail installation, power cord not included.
IES200-LS1140	4-Port Gigabit RJ45+ 1-Port Gigabit RJ45+ 1-Port Gigabit SFP Unmanaged Industrial Switch, Industrial-grade 12–55V DC power input (dual pheonix terminal and single DC2.1 jack input), operating temperature -40°C~75°C; DIN-rail installation, power cord not included.
IES200-LS2040	4-Port Gigabit RJ45+ 2-Port Gigabit SFP Unmanaged Industrial Switch, Industrial-grade 12–55V DC power input (dual pheonix terminal and single DC2.1 jack input), operating temperature -40°C~75°C; DIN-rail installation, power cord not included.
IES200-LS2080	8-Port Gigabit RJ45+ 2-Port Gigabit SFP Unmanaged Industrial Switch, Industrial-grade 12–55V DC power input (dual pheonix terminal and single DC2.1 jack input), operating temperature -40°C~75°C; DIN-rail installation, power cord not included.

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