



H3C IE4300U Web Managed Industrial Switch Series

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New H3C Technologies Co., Limited

Product Overview

H3C Industrial Ethernet IE4300U switch series is H3C latest industrial Ethernet switches designed for rugged environment and wide operating temperature. IE4300U switch series adhere to industrial grade hardware design and adopts highly reliable industrial grade components, while using the highly developed to provide a trustworthy Ethernet solution in wide operating temperature scenarios. IE4300U industrial switch series offer extensive industrial environmental compliance and certifications, and can be widely used in public transport, traffic management, smart building and other extreme temperature scenarios.

H3C IE4300U Industrial switch series come in the following models:

- H3C IE4300U-5E: 5 × 10/100/1000 BASE-T Ports
- H3C IE4300U-8E-H1: 8 × 10/100/1000 BASE-T Ports
- H3C IE4300U-10P: 8 × 10/100/1000 BASE-T Ports and 2 × 100/1000BASE-X SFP Ports
- H3C IE4300U-10P-PWR: 8 × 10/100/1000 BASE-T PoE+ Ports and 2 × 100/1000BASE-X SFP Ports



IE4300U-5E



IE4300U-8E-H1



IE4300U-10P



IE4300U-10P-PWR

Features and Benefits

Exceptional Quality, Solid as a Rock

- The IE4300 industrial switch series are the latest Ethernet switches developed with industrial compliance and wide operating temperature in mind. All models are built with industrial grade components, with reliability significantly higher than commercial counterparts running under the same conditions.
- Fan-less natural cooling design. Multiple heat dissipation components such as embedded heatsink and thermal adhesive make it perform consistently under harsh environment. Operating temperature ranges from -40°C to 80°C.
- Shock and vibration resistant, dust proof, IP41 compliant.

- Support high level electromagnetic shielding, capable of withstanding electrostatic discharge, surge/burst/electrical fast transients, pulse magnetic field, radiated electrical field.

Smart management

- IE 4300U industrial switch series support Web management and Cloudnet management.

Enhanced PoE power

IE4300U industrial switch series support PoE+ power supply, provide up to 30W power supply per port. The total PoE budget reaches 100W, which can ensure the stable operation of various terminals that need POE power supply.

Hardware Specifications

Feature	IE4300U-5E	IE4300U-8E-H1	IE4300U-10P-H1	IE4300U-10P-PWR
Switching Capacity	10Gbps	16Gbps	20Gbps	20Gbps
Forwarding Capacity	7.44Mpps	11.9Mpps	14.88Mpps	14.88Mpps
Dimensions (W × D × H)	30x100x120mm	44x131x150mm	44x131x150mm	44x131x150mm
Weight	≤0.36kg	≤0.57kg	≤0.62kg	≤0.65kg
10/100/1000 Base-T port	5	8	8	8
SFP port	-	-	2	2
Input Voltage	Dual backup redundancy: 12~48VDC (12~60VDC)	Dual backup redundancy: 12~48VDC (12~60VDC)	Dual backup redundancy: 12~48VDC (12~60VDC)	Dual backup redundancy: (12~60VDC) For Non-PoE 12~48V For PoE 48V~57V For PoE+ 52V~57V
Power Consumption	MIN: 0.9W MAX: 2.9W	MIN: 1.1W MAX: 3.4W	MIN: 1.5W MAX: 6.5W	MIN: 1.3W MAX: 106W (PoE: 100W)
Operating Temperature	-40°C~80°C			
Storage Temperature	-40°C~85°C			

Feature	IE4300U-5E	IE4300U-8E-H1	IE4300U-10P-H1	IE4300U-10P-PWR
Operating Relative Humidity(noncondensing)	5 ~ 95%RH, non-condensing			

Note: This content is applicable only to regions outside mainland China. H3C reserves the right to interpret the content.

Software Specifications

Feature	IE4300U switch series
Ethernet Switching	Store-and-Forward
Jumbo Frame	Support
VLAN	Port-based VLAN
DHCP	· DHCP Client · DHCP Snooping
Security	· Unicast Suppression · Multicast Suppression · Broadcast Suppression · MAC Black Hole
Management and maintenance	· Web-based NMS · Cloudnet management

Performance Specification

Entries	IE4300U-5E	IE4300U-8E-H1, IE4300U-10P, IE4300U-10P-PWR
MAC address entries	2K	4K
Static Mac address	32	
VLAN table	16	

Entries	IE4300U-5E	IE4300U-8E-H1, IE4300U-10P, IE4300U-10P-PWR
Jumbo frame length	10000	

PoE Power Capacity

Product Name	Total PoE power capacity	PoE Ports Quantity
IE4300U-10P-PWR	100W	15.4W (802.3af): 6 30W (802.3at): 3

Ordering Information

Product ID	Product Description
LS-IE4300U-10P-PWR	H3C IE4300U-10P-PWR L2 Industrial Ethernet Switch with 8*10/100/1000 BASE-T PoE+ Ports and 2*100/1000BASE-X SFP Ports, 54-57VDC, Redundant Inputs
LS-IE4300U-5E	H3C IE4300U-5E L2 Industrial Ethernet Switch with 5*10/100/1000 BASE-T Ports, 12-48VDC, Redundant Inputs
LS-IE4300U-8E-H1	H3C IE4300U-8E L2 Industrial Ethernet Switch with 8*10/100/1000 BASE-T Ports, 12-48VDC, Redundant Inputs
LS-IE4300U-10P-H1	H3C IE4300U-10P L2 Industrial Ethernet Switch with 8*10/100/1000 BASE-T Ports and 2*100/1000BASE-X SFP Ports, 12-48VDC, Redundant Inputs



The Leader in Digital Solutions

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