



HBI-DPS-0800

Industrial 10/100M Edge PoE Switch (8-Port PoE)

The HBI-DPS-0800 is an unmanaged, industrial-grade edge PoE switch with 8-port 10/100M PoE. It complies with IEEE802.3af/at standard PoE protocol, with max. power output up to 30W (PoE+) per port. Moreover, it provides features such as VLAN port isolation, 250m long distance transmission, QoS (port 1&2), and PoE watchdog, all of them easily configured manually by DIP switch.

HBI-DPS-0800 supports dual redundant wide-range power 44-57VDC, protected for reverse polarity & over-voltage. It is designed with DIN-rail installation with IP40 fan-less metal housing. As an industrial switch the operation temperature ranges from -20°C to 75°C, making the HBI-DPS-0800 the best choice for heavy-duty applications e.g. manufacturing, transportation, government, education, residential, office etc. where environmental conditions are more demanding.

Features & Benefits

- 8x 10/100M PoE ports
- Dual 44~57VDC, redundant power inputs with reverse polarity/over-voltage protection
- Complies with IEEE802.3af/at PoE standards
- DIP-switch function settings:
 - VLAN port isolation
 - 250m long distance
 - QoS
 - PoE watchdog
- Supports 10K Bytes jumbo frame
- Support 4KV surge protection and ESD: Air 15KV, Contact 8KV Protection
- IP40 fan-less design and DIN-rail installation
- Operation temperature: -20°C~75°C

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Technical Specifications

Model No.		HBI-DPS-0800	
Interface	Fiber port	N/A	
	Copper RJ45	8	
Ethernet	8x 10/100M PoE		
Standard	IEEE 802.3 10BaseT Ethernet IEEE 802.3u Fast Ethernet IEEE 802.3x Full-Duplex Flow Control IEEE 802.3az Energy Efficient Ethernet IEEE 802.3af Power-Over-Ethernet IEEE 802.3at Power Over Ethernet plus PSE		
DIP Switch	<ul style="list-style-type: none"> VLAN Port Isolation 250m long-distance model QoS(port 1-2) PoE watchdog 		
LED Indicators	P (Power Status) Green	Off: power off or system failed	
		On: power on	
	S (PoE Status) Red	Off: total PoE usage < 50%	
		Blinking: 50% < total PoE usage < 90%	
		On: total PoE usage ≥ 90%	
	PoE Port 1-8	Green LED	Amber LED
Off: ports link down		Off: PoE not working	
On: ports link up		On: PoE working	
Blinking: data TX/RX			
Power Parameters			
Input Voltage	44-57VDC, redundant power inputs		
Input Current	5.6A Max		
Total Power Consumption	Full loading without PoE ≤4W PoE power budget ≤240W		
Connector	Removable 4-pin terminal block		
Reverse Polarity Protection	Support		
Over-Voltage Protection	Support		



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Switching Features	
Switching Capacity	1.6G
Packet Forwarding Rate	2.38Mpps
MAC Address Table	2K
VLAN	2K
Forwarding Delay	<100us
Jumbo Frame	Support 10Kbytes
MDI/MDIX	Support
Watchdog	Support
Mechanical:	
<i>Protection</i>	IP40
<i>Installation</i>	DIN-Rail
<i>Dimension (WxDxH)</i>	48x98x98mm
<i>Weight</i>	0.6Kg
Environment	
Operating Temperature	-20°C~75°C
Storage/Transportation Temperature	-40°C~85°C
Relative Humidity	5%~95% (non-condensing)
Industrial Standard	Surge protection of power: IEC 61000-4-5 Level 3 (4KV/2KV) (8/20us)
	Surge protection of Ethernet ports: IEC 61000-4-5 Level 3 (4KV/2KV) (10/700us)
	DIP: IEC 61000-4-11 Level 3 (10V)
	ESD: IEC 61000-4-2 Level 4 (8K/15K)
	Shock: IEC 60068-2-27
	Free fall: IEC 60068-2-32
Certification	CCC/CE/FCC/RoHS
Warranty	2yr

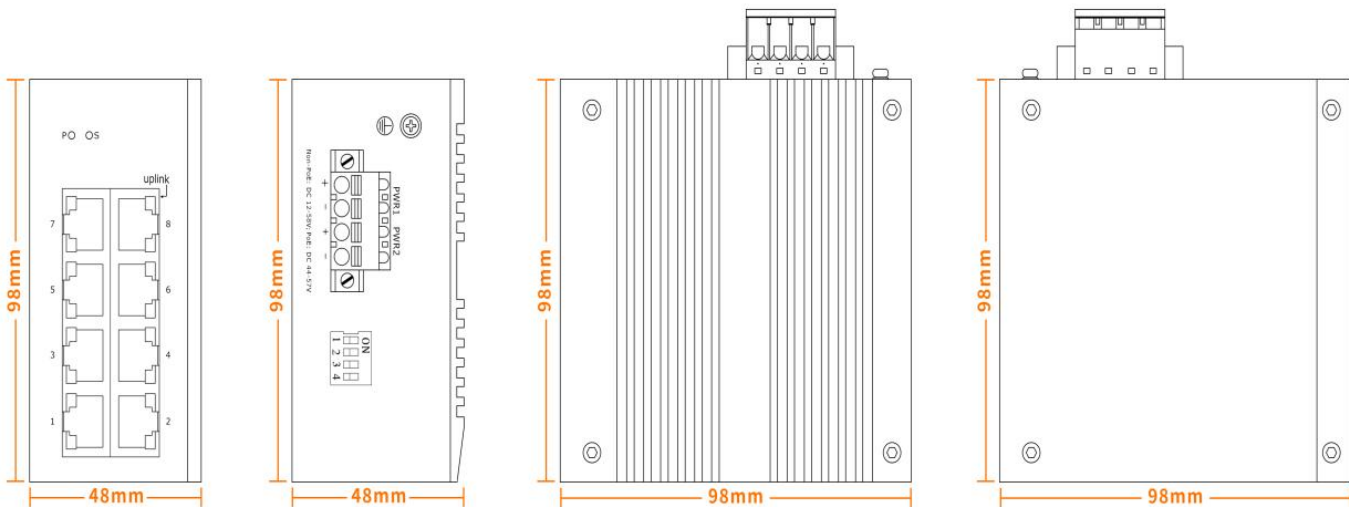
(**Product specifications subject to change without notice.)

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Dimensions






Ordering Information

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About HomeScenario

HomeScenario, Inc. offers cloud-enabled solutions for IP & Analog Intercom, Alarm & Access Control, Video Surveillance, Home Automation, Audio/Video, and Energy Management. Integrating technologies of wireless control and broadband networking, the HomeScenario solutions make comfort, convenience, safety, security, and eco-friendliness available without the need of extensive and costly remodeling. Our products are designed to work seamlessly with systems such as lighting, sensor alarm, thermostat, door access, window shades, security monitoring, home theater, and more. With power features and flexible architecture, HomeScenario solutions can fit various requirements of apartment, villa, hotel, dormitory, office, and commercial building.

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