



HBI-DNS-0800

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

The HBI-DNS-0800 is an unmanaged, industrial-grade edge switch with 8-port 10/100M Ethernet. It provides features such as VLAN port isolation, flow control, QoS (port 1&2), and broadcast storm restrain, all of them easily configured manually by DIP switch.

HBI-DNS-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-DNS-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 Ethernet ports
- Dual 44~57VDC, redundant power inputs with reverse polarity/over-voltage protection
- DIP-switch function settings:
 - VLAN port isolation
 - Flow control
 - QoS
 - Broadcast storm restrain
- 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-DNS-0800		
Interface	<i>Fiber port</i>	N/A	
	<i>Copper RJ45</i>	8	
Ethernet	8x 10/100M Ethernet		
Standard	IEEE 802.3 10BaseT Ethernet IEEE 802.3u Fast Ethernet IEEE 802.3x Full-Duplex Flow Control IEEE 802.3az Energy Efficient Ethernet		
DIP Switch	<ul style="list-style-type: none"> VLAN Port Isolation Flow control QoS(port 1-2) Broadcast storm restrain 		
LED Indicators	<i>P (Power Status)</i> <i>Green</i>	Off: power off or system failed On: power on	
	<i>S (System Status)</i> <i>Red</i>	Off: main IC is normal On: main IC read/write unnormal	
	<i>Port 1-8</i>	<i>Green</i> LED	<i>Amber</i> LED
		Off: ports link down	Off: 10M
		On: ports link up	On: 100M
		Blinking: data TX/RX	
Power Parameters			
Input Voltage	12-57VDC, redundant power inputs		
Input Current	0.5A Max		
Total Power Consumption	Full loading ≤4W		
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:	
Protection	IP40
Installation	DIN-Rail
Dimension (WxDxH)	48x98x98mm
Weight	0.58Kg
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
	Vibration: IEC 60068-2-6
Certification	CE/FCC/RoHS
Warranty	2yr

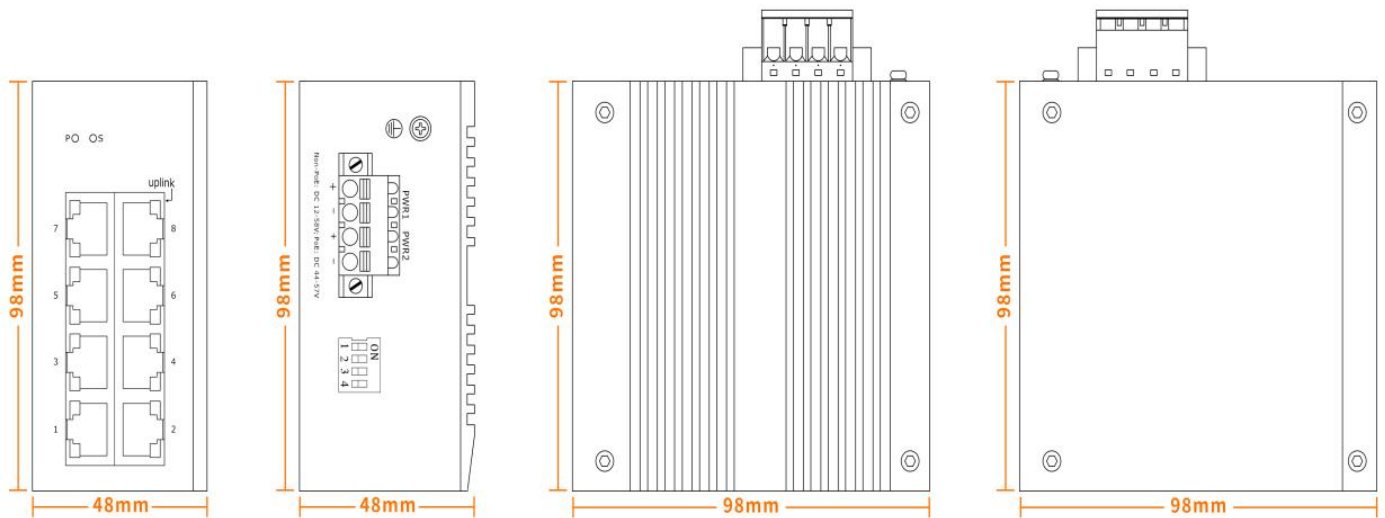
(**Product specifications subject to change without notice.)



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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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