



HBI-DNS-G0800

Industrial 10/100/1000M Edge Switch (8-Port)

The HBI-DNS-G0800 is an unmanaged, industrial-grade edge switch with 8-port 10/100/1000M 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-G0800 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-G0800 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 10/100/1000M Ethernet ports
- Dual 12~57VDC, 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

HBI-DNS-G0800

Industrial 10/100/1000M Edge Switch (8-Port)



Technical Specifications

Model No.	HBI-DNS-G0800		
Interface	<i>Fiber port</i>	N/A	
	<i>Copper RJ45</i>	8	
Ethernet	8x Gigabit Ethernet		
Standard	IEEE 802.3 10BaseT Ethernet IEEE 802.3u Fast Ethernet IEEE 802.3ab Gigabit 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>	Green LED	Amber 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 ≤5W		
Connector	Removable 4-pin terminal block		
Reverse Polarity Protection	Support		
Over-Voltage Protection	Support		



HBI-DNS-G0800

Industrial 10/100/1000M Edge Switch (8-Port)

Switching Features

Switching Capacity	16G
Packet Forwarding Rate	23.8Mpps
MAC Address Table	16K
VLAN	4K
Forwarding Delay	<5us
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>	0.58Kg

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

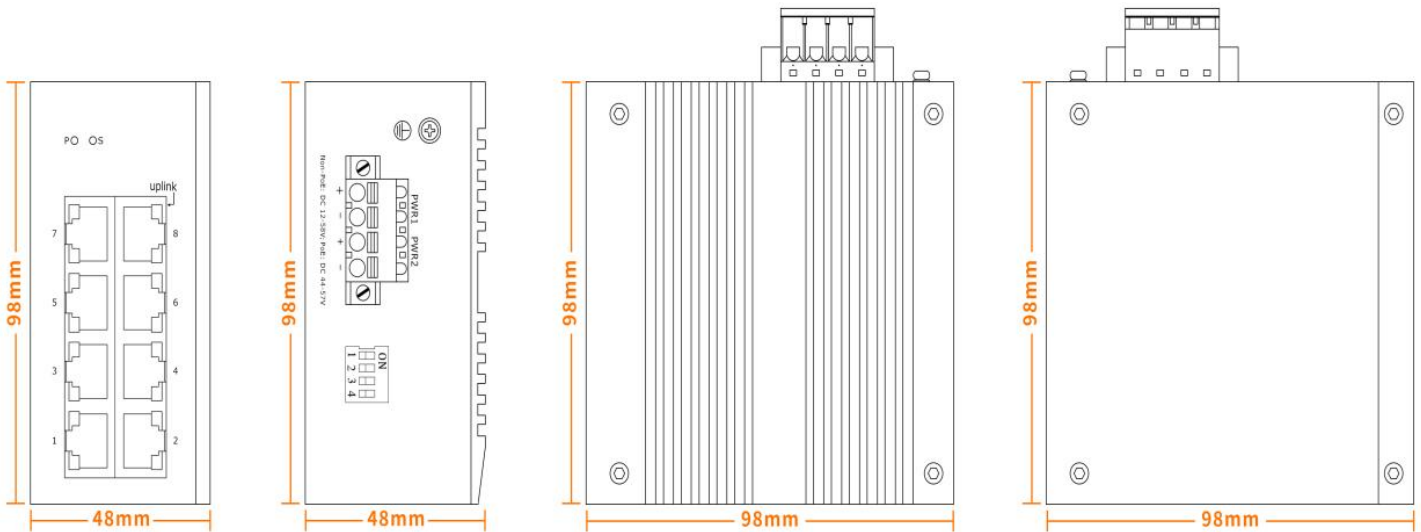
(**Product specifications subject to change without notice.)



HBI-DNS-G0800

Industrial 10/100/1000M Edge Switch (8-Port)

Dimensions






Ordering Information

HBI-DNS-G0800	Industrial 10/100/1000M Edge Switch(8-Port)
---------------	---

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.

-  +886-2-8512-1864
-  +886-2-8512-4885
-  sales@homescenario.com



www.homescenario.com