



HBI-DPS-1612

Edge PoE Switch

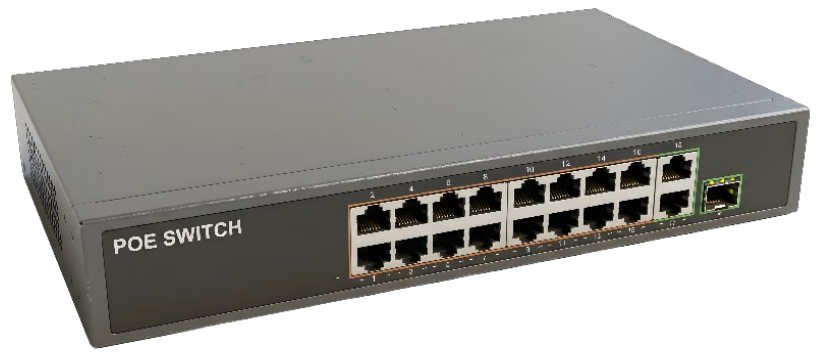
(16x 10/100MPoE, 2x Gigabit LAN,
1x Gigabit SFP)

The HBI-DPS-1612 is an unmanaged, edge PoE switch with 16-port 10/100M PoE as well as built-in gigabit uplink ports of 2x LAN and 1x SFP fiber. 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 250m long distance transmission.

HBI-DPS-1612 is designed with desktop installation. It supports high performance switching architecture that is capable of providing non-blocking switch fabric and wire-speed throughput as high as 8.8Gbps. The HBI-DPS-1612 the best choice for high-density edge aggregations, e.g. manufacturing, transportation, government, education, residential, office etc. where performance and space are to be optimized.

Features & Benefits

- Complies with IEEE 802.3af/at, up to 30W of power output per port
- Extending 250M transmission distance (1-8 port)
- Safe: Low Power Devices Receive Only the Power They Need
- Automatic Detection and Protection of Non-PoE devices
- Compact Design
- Plug-and-Play, no configuration required
- Internal power supply
- Easy installation and maintenance
- Save up to 83% power with Green Technology



HBI-DPS-1612

Edge PoE Switch

(16x 10/100MPoE, 2x Gigabit LAN,
1x Gigabit SFP)

Technical Specifications

Hardware Specification	
10/100Mbps Copper Ports	16 10/100Base-TX RJ-45 Auto-MDI/MDI-X ports
1000Mbps Copper Ports	2 10/100/1000Mbps RJ-45 Auto-MDI/MDI-X ports
SFP/mini-GBIC Slots	1 1000Base-SX/LX port
Switch Architecture	Store-and-Forward
Switch Fabric	52Gbps / non-blocking
Switch Throughput	5.36Mpps @64Bytes
Address Table	8K entries
Share Data Buffer	512Kbytes
Maximum Frame Size	9K Bytes
Flow Control	Back pressure for Half-Duplex IEEE 802.3x Pause Frame for Full-Duplex
LED	Power (Yellow) 10/100 LINK / ACT (Green) Gigabit ACT(Green); Gigabit LINK(Yellow)
Reset Button	< 5 sec: System reboot > 5 sec: Factory Default
Dimension (W x D x H)	295 x 165 x 44 mm, 1U height
Weight	2kg
Power Requirement	100~160V AC, 50-60 Hz
Power Consumption / Dissipation	250 Watts maximum /510 BTU/hr maximum
Power over Ethernet	
PoE Standard	IEEE 802.3af/at Power over Ethernet / PSE
PoE Power Supply Type	End-Span
PoE Power Output	Per Port 52V DC, 350mA~600ma . Max. 30 Watts
Power Pin Assignment	1/2(+), 3/6(-)
PoE Power Budget	230 Watts
Max. number of Class 3 PD	15

HBI-DPS-1612

Edge PoE Switch



(16x 10/100MPoE, 2x Gigabit LAN, 1x Gigabit SFP)

Standards Conformance	
Standards Compliance	IEEE802.3: 10Base-T
	IEEE802.3u: 100BaseTX
	IEEE802.3z: 1000Base-SX/LX
	IEEE802.3ab: 1000Base-T
	IEEE802.3af/at: Power over Ethernet
Environmental	
Operating	Temperature: 0 ~ 50 °C Relative Humidity: 20 ~ 95%
Storage	Temperature: -10 ~ 70 °C Relative Humidity: 20 ~ 95% (non-condensing)




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

Ordering Information

HBI-DPS-1612	Edge PoE Switch (16x 10/100MPoE, 2x Gigabit LAN, 1x Gigabit SFP)
--------------	---

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