



D-Link DBS-2000-28P/E network switch Managed L2 Gigabit Ethernet (10/100/1000) Power over Ethernet (PoE) Grey

Brand : D-Link

Product code: DBS-2000-28P/E

Product name : DBS-2000-28P/E



- 24 x 10/100/1000BASE-T PoE ports
- 4 x 10/100/1000BASE-T ports
- 193W PoE power budget
- Supports IEEE 802.3at PoE
- Zero-Touch Deployment
- Cloud Management w/99.9% SLA
- WPA/WPA2/WPA3 Encryption
- Innovative D-Link Green Energy-saving features
- Intuitive Web Portal for comprehensive switch management
- Multilingual Support

56 Gbps, 41.7 Mpps, 24x 1G PoE RJ-45, 4x 1G SFP/RJ-45, 500MHz, 256MB DDR3, 440x250x44 mm
D-Link DBS-2000-28P/E. Switch type: Managed, Switch layer: L2. Basic switching RJ-45 Ethernet ports type: Gigabit Ethernet (10/100/1000), Basic switching RJ-45 Ethernet ports quantity: 24. MAC address table: 8000 entries, Switching capacity: 56 Gbit/s. Networking standards: IEEE 802.3ad, IEEE 802.3at. Power over Ethernet (PoE). Rack mounting

Management features		Power over Ethernet (PoE)	
Switch type *	Managed	Power over Ethernet (PoE) power per port	30 W
Switch layer	L2	Total Power over Ethernet (PoE) budget	193 W
Ports & interfaces		Operational conditions	
Basic switching RJ-45 Ethernet ports quantity *	24	Operating temperature (T-T)	-5 - 50 °C
Basic switching RJ-45 Ethernet ports type *	Gigabit Ethernet (10/100/1000)	Storage temperature (T-T)	-20 - 70 °C
Combo SFP ports quantity	4	Operating relative humidity (H-H)	0 - 95%
Network		Storage relative humidity (H-H)	0 - 95%
Networking standards *	IEEE 802.3ad, IEEE 802.3at	Operating altitude	0 - 1500 m
10G support *	✗	Heat dissipation	900.36 BTU/h
Copper ethernet cabling technology	10BASE-T, 100BASE-TX, 1000BASE-T	Weight & dimensions	
Link aggregation	✓	Width	440 mm
Auto MDI/MDI-X	✓	Depth	250 mm
Spanning tree protocol	✓	Height	44 mm
		Weight	3.75 kg
Data transmission		Packaging data	
Switching capacity *	56 Gbit/s	Package width	365 mm
Forwarding rate	41.7 Mpps	Package depth	521 mm
MAC address table *	8000 entries	Package height	92 mm
Packet buffer memory	4.1 MB	Package weight	5.04 kg
Security		Technical details	
IGMP snooping	✓	Shipping (inner) case height	39.3 cm
Security algorithms	WPA, WPA2	Shipping (inner) case width	29.5 cm
		Shipping (inner) case length	53.9 cm
Design		Shipping (inner) case net weight	15.1 kg
Rack mounting *	✓	Products per shipping (inner) case	3 pc(s)
Product colour	Grey	Pallet gross weight (air)	403.5 kg
LED indicators	✓	Master (outer) cases per pallet (air)	24 pc(s)
Number of fans	0 fan(s)	Products per pallet (air)	72 pc(s)
		Pallet gross length	110 cm

Performance		Technical details	
Built-in processor	✓	Pallet gross width	120 cm
Processor frequency	500 MHz	Pallet height (air)	131.4 cm
Memory type	DDR3-SDRAM	Pallet gross weight (sea)	660 kg
Internal memory	256 MB	Master (outer) cases per pallet (sea)	40 pc(s)
Flash memory	32 MB	Products per pallet (sea)	120 pc(s)
Mean time between failures (MTBF)	469262 h	Pallet height (sea)	2.1 m
Power		Shipping (inner) case gross weight	16 kg
Power source *	DC/PoE	Logistics data	
AC input voltage	100 - 240 V	Harmonized System (HS) code	85176990
Power consumption (max)	263.9 W		
Power over Ethernet (PoE)			
Power over Ethernet (PoE) *	✓		
Power over Ethernet plus (PoE+) ports quantity	24		



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