

Data Sheet

1U 1GbE PoE+ Web Smart Network Switches

Entry Level Multi-Purpose 8 to 48 Port Web Smart PoE+ Network Switch

The BCD-ALE-OS2220 series of web smart network switches offer performance, affordability, and reliability for any entry level project. With up to 24 PoE+ ports and a total PoE+ budget of up to 190W, this switch gives room for growth in any small-scale project environment.

Ease of deployment is guaranteed with a web-based GUI, and the smart managed feature set of this network switch

KEY FEATURES

- 8 PoE+, 24 PoE+, 48 PoE+ ports configurations
- Energy efficient for reduced cost of operation
- Ease of deployment enables convenient installations for any project.



Up to 24 Total Gigabit Ports and 2 SFP Ports



100Gb/s Switching Capacity



Up to 390W of PoE+ power



3-Year Warranty with Advanced Next-Day Replacement



BCD-ALE-2220-24P



BCD-ALE-2220-8P

Alcatel-Lucent 
Enterprise

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SYSTEM	
Maximum Number of Ports	(48) PoE+ Ports and (2) SFP Ports
Max PoE Budget	75W (8 Port), 190W (24 Port), 390W (48 Port)
Total MAC Addresses	16,000
Max Switching Capacity	280Gb/s
Flash	32MB
RAM	128MB
Warranty	3-Year, 24/7 Support with Advanced Next-Day Replacement
MECHANICAL	
Form Factor	1U Rackmount
Operating Temperature	(Min) 32°F - (Max) 113°F [(Min) 0°C - (Max) 45°C]
Operating Humidity	5 ~ 95% Non-condensing
Dimensions (WxDxH)	BCD-ALE-OS2220-P24 17.33" x 13.78" x 1.73" (440mm x 350mm x 44mm) BCD-ALE-OS2220-P8 11.0" x 6.69" 1.73" (279mm x 170mm x 44mm)
Max. Weight	10.1 lbs (4.58 kg)
Regulatory	FCC Class A CE Class A, includes EN55022 (CISPR 22) / 55024 / 50082-1 VCCI Class A UL/cUL CE (includes EN60950-1) CB IEC 60825-1 Laser IEC 60825-2 Laser CDRH Laser
IEEE Standards	IEEE 802.3 - 10BASE-T IEEE 802.3u - 100BASE-T IEEE 802.3ab - 1000BASE-T IEEE 802.1AB - LLDP IEEE 802.1D - Spanning Tree IEEE 802.1p - Ethernet Priority with User Mapping IEEE 802.1Q - Virtual LANs w/Port-based VLANs IEEE 802.1S - Multiple Spanning Tree IEEE 802.1W - Rapid Spanning Tree IEEE 802.1X - Port Based Authentication IEEE 802.3ac - VLAN Tagging IEEE 802.3ad - Link Aggregation (w/LACP) IEEE 802.3x - Flow Control