

Data Sheet

Entry Level 1U RJ45 Web Smart
Gigabit Network Switches

Entry Level Multi-Purpose 8 to 24 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. Security features are also kept at the forefront, including MAC filtering/port security, 802.1X RADIUS access security, Guest VLAN, and Access Control Lists.

- Enable maximum network performance with up to 280Gb/s switching capacity.
- Out of the box simplicity is guaranteed with automated provisioning.
- Web based management enables MAC and IP-based Access Control Lists paired with MAC filtering for higher base security.

KEY FEATURES

- 8 PoE+ and 24 PoE+ ports configurations
- Web management applications
- 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**



280Gb/s Switching Capacity



Up to 190W of PoE+ power



**3-Year, 24/7 Support with
Advanced Next-Day Replacement**



BCD-ALE-OS2220-P24



BCD-ALE-OS2220-P8

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SYSTEM	
Maximum Number of Ports	(24) PoE+ Ports and (2) SFP Ports
Max PoE Budget	190W
Total MAC Addresses	16,000
Max Raw Fabric Capacity	N/A
Max Switching Capacity	52Gb/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" x 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