

# BCD-ALE-6350 Series

## 1U 1GbE RJ45 PoE Layer 2 Network Switches

### 10 TO 48 PORT 1GBE FULL MANAGED NETWORK SWITCH FOR EFFICIENT AND POWERFUL PERFORMANCE

Reliable and powerful, the BCD-ALE-6350 enables a highly effective edge network switch solution with up to 48 gigabit RJ45 ports. PoE+ budgets from 120W to 780W are available to power a variety of network devices.

Optimized to provide a scalable and adaptable solution, this network switch allows for small to midrange networks to run flawlessly. Layer 2 functionalities enable smaller projects to function with high performance.



BCD-ALE-6350-P24



BCD-ALE-6350-P48

### KEY FEATURES

-  Up to 48 Total Gigabit Ports
-  154Mp/s Switch Frame Rate and 104Gb/s Switching Capacity
-  Resilient Hardware System Structure for Greater Network Stability
-  Up to 780W of PoE Power
-  3-Year Warranty with Advanced Next-Day Replacement

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## 1U 1GbE RJ45 PoE Layer 2 Network Switches

### SYSTEM

**Maximum Number of Ports**

Up to (48) 1GbE PoE Ports and (4) 1G/10G SFP+ uplink ports

**Max PoE Budget**

120W (8 Port), 380W (24 Port), 780W (48 Port)

**Total MAC Addresses**

16,000

**IPv4/IPv6 Routes**

8 / 4

**IPv4/IPv6 Interfaces**

8 / 4

**Max Switch Frame Rate**

154Mp/s

**Max Switching Capacity**

104Gb/s

### MECHANICAL

**Form Factor**

Small Form or 1U Rackmount

**Power Supply(s)**

(1) Internal 150W | 100-240VAC (10 Port Models)  
(1) Internal 525W | 100-240VAC (24 Port Models)  
(1) Internal 900W | 100-240VAC (48 Port Models)

**Heat Dissipation**

Up to 2661 BTU/h

**Operating Temperature**

(Min) 32°F - (Max) 113°F [(Min) 0°C - (Max) 45°C]

**Operating Humidity**

5 ~ 95% Non-condensing

**Max. Dimensions (WxDxH)**

19" x 15.2" x 1.73" (482.6mm x 386mm x 44mm)

**Max. Weight**

15 lbs (6.8 kg)

**Warranty**

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

### REGULATORY & STANDARDS

**Regulatory**

EMI/EMC, FCC CRF Title 47 Subpart B, VCCI, AS/NZS 3548, CE-Mark, RoHS, EN 55022, EN 61000-3-3, EN 61000-3-2, EN 55024, IEEE802.3, EN 50581, IEC 60950, EN 60950, UL 60950, EN 60950-1, CAN/CSA-C22.2, NOM-019 SCFI, AS/NZ TS-001 and 60950, UL-AR, UL-GS, IEC 60825-1 Laser, IEC 60825-2 Laser, CDRH Laser

**IEEE Standards**

IEEE 802.1D (STP), IEEE 802.1p (CoS), IEEE 802.1Q (VLANs), IEEE 802.1s (MSTP), IEEE 802.1w (RSTP), IEEE 802.1X (Port-Based Network Access Protocol), IEEE 802.3i (10Base-T), IEEE 802.3u (Fast Ethernet), IEEE 802.3x (Flow Control), IEEE 802.3z (Gigabit Ethernet), IEEE 802.3ab (1000Base-T), IEEE 802.3ac (VLAN Tagging), IEEE 802.3ad (Link Aggregation), IEEE 802.3af (Power-over-Ethernet), IEEE 802.3at (Power-over-Ethernet), IEEE 802.3az (Energy Efficient Ethernet)