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BCDVVIDEO™

BCD-DNS-N1500 SERIES

Data Sheet

Entry Level 1U RJ45 PoE+
Layer 2/3 Lite Network Switches

High Performance Layer 2/3 1GbE 1U Rackmount PoE+ Network Switches

The BCD-DNS-N1500 series of professional layer 2 network switches delivers high performance with up to 48 1GbE RJ45 ports with 4 10GbE SFP+ uplink ports. Energy efficient PoE+ providing ample power to all IP video cameras, making these series of switches are perfect switches to be used at the edge of small to medium surveillance networks.

KEY FEATURES

- 24 PoE+ and 48 PoE+ with 4 SFP+ configurations
- 1U Rackmount form factor
- Up to 30W of PoE+ per port
- Layer 2/3 Lite IPV4 and IPV6 Functionality



**Up to 48 Total Gigabit Ports
with 4 SFP+ Uplink Ports**



**176Gbps Switch Fabric Capacity and
164Mpps Forwarding Capacity**



5-Year Warranty



FOR MORE INFORMATION: bcdvideo.com | sales@bcdvideo.com | +1.847.205.1922 **TECH SUPPORT:** support@bcdvideo.com | +1.844.462.2384

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Entry Level 1U RJ45 PoE+
Layer 2/3 Lite Network Switches

SYSTEM	
Maximum Number of Ports	(48) PoE+, (4) 1G/10G SFP+
PoE per Port	Up to 30.8W per port
Static Routes	256 (IPv4), 128 (IPv6)
Dynamic Routes	256 (IPv4)
Switch Fabric Capacity	Up to 176Gbps
Forwarding Rate	Up to 164Mpps
Flash Memory	256MB
CPU Memory	1GB
Total MAC Addresses	16K
Warranty	5-Year Warranty
MECHANICAL	
Form Factor	1U Rackmount
Maximum Power Consumption	Up to 1704W
Power Supply(s)	Up to (1) 600W 100-240VAC Internal, External 1000W 100-240VAC supported
Max. Heat Dissipation	Up to 5824.3 BTU/h
Operating Temperature	(Min) 32°F - (Max) 113°F [(Min) 0°C - (Max) 45°C]
Operating Humidity	5 ~ 95% Non-condensing
Dimensions (WxDxH)	17.33" x 15.2" x 1.7" (440mm x 387mm x 43.2mm)
Max. Weight	15.4 lbs (7 kg)
Regulatory	Australia/New Zealand: ACMA RCM Class A, Canada: ICES Class A; cUL, China: CCC Class A; NAL, Europe: CE Class A, Japan: VCCI Class A, USA: FCC Class A; NRTL UL; FDA 21 CFR 1040.10 and 1040.11, Eurasia Customs Union: EAC, Germany: GS mark, EU WEEE, EU Battery Directive, REACH
IEEE Standards	802.1AB LLDP, 802.1D Bridging, Spanning Tree, 802.1p Ethernet Priority (User Provisioning and Mapping), 802.1Q LAN Tagging, Double VLAN Tagging, GVRP, 802.1S Multiple Spanning Tree (MSTP), 802.1v Protocol-based VLANs, 802.1W Rapid Spanning Tree (RSTP), 802.1X Network Access Control, Auto VLAN, 802.2 Logical Link Control, 802.3 10BASE-T, 802.3ab Gigabit Ethernet (1000BASE-T), 802.3ac Frame Extensions for VLAN Tagging, 802.3ad Link Aggregation with LACP, 802.3ae 10 Gigabit Ethernet (10GBASE-X), 802.3at PoE+ (N1524P and N1548P), 802.3AX LAG Load Balancing, 802.3az Energy Efficient Ethernet (EEE), 802.3u Fast Ethernet (100BASE-TX) on Management Ports, 802.3x Flow Control, 802.3z Gigabit Ethernet (1000BASE-X)