Distributed by

BCDVIDEO™

BCD-DNS-X SERIES

Data Sheet

Professional RJ45 PoE/PoE+
Layer 2 Network Switches

Affordable, High Performance Small Form / 1U Rackmount 1GbE PoE/PoE+ Network Switches

The BCD-DNS-X Series switches provides an affordable networking solution while retaining high performance. With configurations including 8 to 48 PoE/PoE+ ports, and a variety of form factors, these switches are versatile to meet the demands of many video surveillance applications.

With a suite of web management applications, this series of network switches provide an easy to install and optimize solution. With up to 369W of PoE/PoE+ power being delivered to network devices, these network switches provide ample resources for many integrations.

KEY FEATURES

- 8, 16, 24, and 48 port configurations
- Small form, 1U half/full width rackmount
- Smart managed networking
- Layer 2+ IPV4 and IPV6 functionality

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

176Gb/s Raw Fabric Capacity and 131Mpps Forwarding Rate

Up to 369W of PoE/PoE+ power

5-Year Warranty

18D BCD-DNS-X Series R1

Distributed by

BCDVIDEO™

BCD-DNS-X SERIES

Data Sheet

Professional RJ45 PoE/PoE+
Layer 2 Network Switches

SYSTEM	
Maximum Number of Ports	52 Total Ports, (48) 1GbE, (4) SFP/SFP+
Switch Fabric Capacity	Up to 176Gbps
Forwarding Rate	131Mpps
Memory	1MB
Priority Queues per Port	Up to 8
Warranty	5-Year Warranty
MECHANICAL	
Form Factor	Small Form, 1U Half/Full Width Rackmount
Maximum Power Consumption	Up to 475W
Power Supply(s)	Up to (1) 525W	100-240VAC
Heat Dissipation	Up to 1620.8 BTU/h
Operating Temperature	(Min) 32°F - (Max) 122°F [(Min) 0°C - (Max) 50°C]
Operating Humidity	10 ~ 90% Non-condensing
Max. Dimensions (WxDxH)	17.1" x 16" x 1.71" (435mm x 434mm x 43.5mm)
Max. Weight	13.23 lbs (6 kg)
IEEE Standards	IEEE 802.1D Spanning Tree, GARP and GVRP, IEEE 802.1p Traffic Prioritization,IEEE 802.1Q VLAN Trunking, IEEE 802.1w Rapid Spanning Tree Protocol, IEEE 802.1S Multiple Spanning Tree Protocol, IEEE 802.1t IEEE802.1D maintenance, IEEE 802.1v VLAN Classification by Protocol & Port, IEEE 802.1x Port Based Network Access Control, IEEE 802.3 10 Mbps Ethernet, IEEE 802.3I 10base -T, IEEE 802.3u 100Base-T Ethernet, IEEE 802.3z 1000 Mbps Ethernet, IEEE 802.3ab 1000Base-T, IEEE 802.3ac Frame extension for VLAN tags, IEEE 802.3ad Link Aggregation Control Protocol, IEEE 802.3ae 10 Gig Ethernet, IEEE 802.2, IEEE 802.3x Flow Control, IEEE 802.3I, IEEE 802.1v VLAN Classification by Protocol & Port, IEEE 802.1ab LLDP