

## Data Sheet

Entry Level RJ45 PoE/PoE+  
Network Switches

### Essential, Performance 1U Rackmount 1GbE PoE/PoE+ Network Switches

The BCD-ECS-2100 Series switches provides an affordable networking solution while retaining high performance. With configurations including 8 and 24 port, with up to 12 PoE+ ports, coming in a 1U rackmount, these switches are versatile to meet the demands of many video surveillance applications.

With a suite of web management applications and built in security features, this series of network switches provide an easy to install and optimize solution. With up to 384W of PoE/PoE+ power being delivered to network devices, these network switches provide ample resources for many integrations.

#### KEY FEATURES

- 8 and 24 1GbE port configurations
- 1U rackmount for ease of installation
- Smart managed networking
- Layer 2+ IPV4 and IPV6 functionality
- Layer 3 static routing



**Up to 24 Total Gigabit Ports  
with 4 SFP+ Uplink Ports**



**56Gbps Switching Capacity and  
41.7Mpps Forwarding Rate**



**Up to 384W of PoE/PoE+ power**



**5-Year Warranty**



BCD-ECS-2100-10P



BCD-ECS-2100-28P

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SYSTEM	
<b>Maximum Number of Ports</b>	Up to (24) 1GbE (Up to (12) PoE, (12) PoE+), (4) SFP+
<b>Switch Fabric Capacity</b>	Up to 56Gbps
<b>Console Ports</b>	(1)
<b>Forwarding Rate</b>	Up to 41.7Mpps
<b>Flash Memory</b>	32MB
<b>DRAM</b>	256MB
<b>Warranty</b>	5-Year Warranty
MECHANICAL	
<b>Form Factor</b>	1U Rackmount
<b>Maximum Power Consumption</b>	Up to 490W
<b>Power Supply(s)</b>	(1) 100-240VAC
<b>Heat Dissipation</b>	Up to 1678.7 BTU/h
<b>Operating Temperature</b>	(Min) 32°F - (Max) 122°F [(Min) 0°C - (Max) 50°C]
<b>Operating Humidity</b>	10 ~ 90% Non-condensing
<b>Max. Dimensions (WxDxH)</b>	17.3" x 8.6" x 1.7" (440mm x 220mm x 44mm)
<b>Max. Weight</b>	6.85 lbs (3.1 kg)
<b>IEEE Standards</b>	802.1D Spanning Tree Protocol, 802.1w Rapid Spanning Tree Protocol, 802.1s Multiple Rapid Spanning Tree Protocol, 802.1Q VLANs, 802.3ad Link Aggregation Control Protocol (LACP), 802.3az, 802.3af PoE, 802.3at PoE+, 802.1X,



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