# **RIGID NETWORKING SERIES** EXTREME TEMPERATURE SWITCHES

### BCD-RGD-402P-SMT **KEY FEATURES**





-40°C TO 75°C ( -40°F TO 167°F)

#### **EXTENDED TEMPERATURE:**

The BCDVideo Rigid Networking Series offer the best protection from harsh environments. These switches are purpose built for mobile use and extreme temperature environments.

	RJ45 PORTS OPTICAL PORT		Auto-negotiation	Multicast	LIGHT HARDWARE
BCD-RGD-402P-SMT	4 Gigabit ports PoE+	2 x SFP 1000Base-FX	10/100/1000Mbps-Full/Half-duplex Auto MDI/MDI-X	Supported	IGMP V1, V2, V3

	BROADCAST STORM CONTROL	Power Failure Protection	ENERGY EFFICIENT ETHERNET	Port Naming	Redundant Power	Operating Temperature	UPC
BCD-RGD-402P-SMT	Supported	Relay Output	IEEE802.3az	Capable	Capable	-40°C to 75°C (-40°F to 167°F)	859407006302

	ETHERNET				
Standards	IEEE802.3 10Base-T IEEE802.3u 100Base-TX/FX IEEE802.3ab 1000Base-T IEEE802.3z 1000Base-X IEEE802.3af Power over Ethernet IEEE802.3at Power over Ethernet				
<ul> <li>Processing Type</li> </ul>	Store-and-Forward				
Switch Fabric Performance	12 Gbps				
Forward Filter Rate	1.488 Mpps (max)				
Frame Buffer Memory	1M bits				
Packet Buffer Memory	1 Mbit				
<ul> <li>Max. Packet Length</li> </ul>	9K Bytes Jumbo Frame				
Address Table Size	2048K MAC Addresses				





The Rigid Networking Series provides an environmentally hardened networking

solution to the video surveillance market. As a rugged switch, they can handle

extreme temperature ranges from -40°C to 75°C. The fault-tolerant network

protects the system from downtime resulting in loss prevention and stability.

PoE offers centralized power management for each device. These network

switches enable networks to be designed to meet the demands of the market.

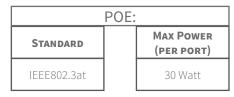




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#### **ELECTRICAL AND MECHANICAL**

POWER & PROTECTION						
INPUT POWER	Power Consumption	Power Input Overload	Reverse Polarity	LED INDICATORS	ETHERNET (PER PORT)	SFP
2 x 48~57VDC (Terminal Block)	135W Max 2.8A@48VD	Automatic Resettable	Present	Power Status	LINK/Activity	LINK/Activity



	SIZING SPECIFICATIONS					
HEI	GHT	WIDTH	DEPTH	WEIGHT (MAX)	Casing	Mounting options
1.23"/	'31 mm	4.75"/120 mm	5.83"/148 mm	1.11 lbs/0.5 kg	Aluminum Case	DIN-Rail / Wall-mount

E	NVIRONMENTAL:	REGULATORY APPROVALS		
<ul> <li>Hardened</li> <li>Industrial</li> <li>Storage Temperature</li> <li>Relative Humidity</li> <li>MTBF</li> </ul>	-40°C to 75°C ( -40°F to 167°F) -10°C to 60°C ( 14°F to 140°F) -40°C to 85°C ( -40°F to 185°F) 5% to 95% non-condensing + 200,000 hrs	ISO9001,CE, FCC, RoHS EMI EN55022:2010+AC:2011, Class A EN61000- 3-2:2006+A1: 2009+A2:2009 EN61000-3-3: 2013 EN55024:2010		

FC CE

