

RIGID NETWORKING SERIES

EXTREME TEMPERATURE SWITCHES



BCD-RGD-402P-SMT

KEY FEATURES



PORT DENSITY:
6 PORTS



FIVE-YEAR WARRANTY



**ENVIRONMENTALLY
HARDENED**



SMART MANAGED



-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.

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.

	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
• Processing Type	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
• Max. Packet Length	9K Bytes Jumbo Frame
• Address Table Size	2048K MAC Addresses

BCDVIDEO™

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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

POE:	
STANDARD	MAX POWER (PER PORT)
IEEE802.3at	30 Watt

SIZING SPECIFICATIONS					
HEIGHT	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

ENVIRONMENTAL:	REGULATORY APPROVALS
<ul style="list-style-type: none"> • Hardened -40°C to 75°C (-40°F to 167°F) • Industrial -10°C to 60°C (14°F to 140°F) • Storage Temperature -40°C to 85°C (-40°F to 185°F) • Relative Humidity 5% to 95% non-condensing • MTBF + 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