

Bitlogix SDS5110N Specifications

LAN

Ethernet	10/100 Mbps, RJ45
Protection	Built-in 1.5 KV magnetic isolation

Serial Interface

No. of ports	1 RS-232 port
RS-232 Signals	TxD, RxD, RTS, CTS, DTR, DSR, DCD, GND
Port Type	DB9 male
Serial Line Protection	15 KV ESD for all signals

Serial Communication Parameters

Parity	None, Even, Odd, Space, Mark
Data bits	5, 6, 7, 8
Stop bits	1, 1.5, 2
Flow control	RTS/CTS, DTR/DSR, XON/XOFF
Speed	110 bps to 230.4 Kbps
Console Ports	RS-232 console

Software Features

Protocols	ICMP, IP, TCP, UDP, DHCP, ARP, BOOTP, Telnet, DNS, SNMP, HTTP, SMTP
Administration	Administration Software for Windows 95/98/ME/NT/2000/XP/2003/Vista
OS Driver Support	Windows 95/98/ME/NT/2000/XP(x86)/XP(x64)/2003(x86)/2003(x64), Windows Vista(x86)/Vista(x64) COM driver, Linux 2.4 – 2.6.x (x86 and x64) real TTY driver, Sun Solaris 10 and OpenSolaris, SCO UNIX, SCO OpenServer 5 and 6, SCO UnixWare 7, QNX 4.25 and 6.x, FreeBSD 5.x and 6.x
Configuration	Web browser, serial port, telnet, or Windows administration software

Power Requirements

Power input	12 to 48 VDC
Power Consumption	128.7 mA@12V, 72 mA@24V
Power Line protection	1 KV Burst (EFT), EN61000-4-4, 0.5 KV Surge, EN61000-4-5

Mechanical

Casing	Aluminum (1 mm)
Dimensions (WxHxD)	1.97 x 3.15 x 0.87 in (50 x 80 x 22 mm)
Net Weight	3 oz (85 g)

Environmental

Operating Temperature	32 to 131°F (0 to 55°C), 5 to 95%RH
Storage Temperature	-4 to 185°F (-20 to 85°C), 5 to 95%RH

Regulatory Approvals

EMC	CE: EN55022 Class A/EN55024 FCC: FCC Part 17 Subpart B, Class A
Safety	UL: UL60950-1, CUL, TÜV: EN60950-1

Included Accessories	Power Adapter, Quick Installation Guide, Administration Software and Documentation on CD-ROM
Manufacturer's Warranty	Five (5) years
MTBF	279,122 hours