


Product Specification

10/100/1000M Unmanaged Industrial Ethernet Switches (FLD-S-1G2G-I)

Introduction	Image
<p>This unmanaged industrial Ethernet switch FLD-S-1G2G-I is designed to match the critical industrial standards. With reliable and simple operation against vibration and shock, and wide operation temperature range, it could match a variety of harsh environment. The switch complies with CE, FCC and RoHS standards, and passed the 100% burning test to ensure that it will fulfill the needs of industrial applications. It is a good choice for an economical solution for industrial Ethernet connections.</p>	 <p>The image shows a black industrial Ethernet switch with a blue vertical stripe on the right side. It has two RJ45 ports and one SFP port on the front panel. The text 'Industrial Ethernet Switch Controller' is visible on the blue stripe.</p> <p>CE FCC RoHS</p>

Features & Benefits
2 1000Base-T(X) ports and 1 1000Base-FX port
-40°C-85°C operating temperature range
Super lightning protection, IP40 protection
Excellent heat elimination without cooling fan

Physical Characteristics
Housing: Aluminum Alloy material with IP40 Protection
Dimension: 138mm(L) X 112mm(W) X 42mm(H)
Weight: 480g
Installation: Din-Rail mounting, Wall mounting

Switch Properties

MAC Table Size: 1K

Packet Buffer Size: 1M bit

Processing Type: Store and Forward

Exchange Properties: 1488000pps (1000M)

Interfaces

2 RJ45 Ports: 1000Base-T(X) auto negotiation

1 1000Base-FX port (SC/ST/FC connectors optional)

Power

Input Voltage: 24V DC(18-36VDC) Redundant dual inputs

Input Current: <0.5A @24VDC

Overload Current Protection: Present

Reverse Polarity Protection: Present

Redundant Protection: Present

Environmental Limits

Operating Temperature: -40°C-85°C

Storage Temperature: -40°C-85°C

Ambient Relative Humidity: 5%-95% (non-condensing)

Standards

EMS:

EN61000-4-2 (ESD), Level 3
EN61000-4-3 (RS), Level 3
EN61000-4-4 (EFT), Level 3
EN61000-4-5 (Surge), Level 3
IEC61000-4-8(100A/m), Level 3
IEC61000-4-11, Level 3

Shock: IEC 60068-2-27

Free Fall: IEC 60068-2-32

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Vibration: IEC 60068-2-6
EMI: FCC CFR47 Part 15, EN55022/CISPR22, Class A
Industry: IEC61000-6-2
Rail: EN50155, EN50121-4
Traffic: NEMA TS-2

Warranty

5 years

Contact :

Address	6 th floor ,building 8,Zhongxing industrial zone,Nanshan district,Shenzhen,P.R.China
Zip	518000
Website	www.fiberlandtec.com
Email	sales@fiberlandtec.com