



## FiberLink 800 Industrial 8-port 10/100TX Unmanaged Redundant Ethernet Switch

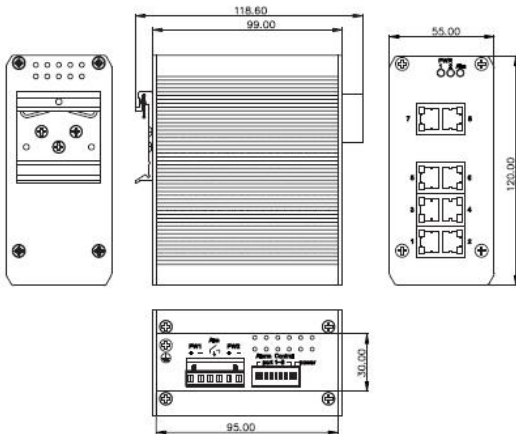
**ISD-500 / ISD-800** are 5- and 8-port Industrial Ethernet Switches that are designed for a demanding network environment, Ethernet connection and the built-in smart alarm function. These products have a wide operating temperature and a high degree of vibration and shock. They provide IP30 aluminum case, DIN-rail kit and redundant power inputs.

### Redundant Power Inputs

ISD-500 / ISD-800 provide two power inputs that can be connected simultaneously to live DC power source. If one of the power input fails, the other live source acts as a backup to automatically support the ISD-500 / ISD-800's power needs.



## Dimensions (unit=mm)



## Features:

- Rigid Aluminum Case
- Redundant DC Power Input
- Broadcast Storm Protection
- -25 to 70 °C Operating Temperature
- DIN-Rail Kit
- Link Lose Forwarding Technology
- Non-blocking switching performance
- Power failure, port break alarm by relay output
- IP 31, rigid metal case

## Specifications:

### 1. Technology

<b>Standards</b>	IEEE802.3, 802.3u, 802.3x
<b>Packet Buffer Memory</b>	448KB
<b>Processing Type</b>	Store and Forward
<b>MAC Address</b>	2K
<b>Flow Control</b>	IEEE802.3x flow control, back pressure flow control
<b>Filtering/Forwarding Rates</b>	100Mbps port - 148,800pps 10Mbps port - 14,880pps
<b>Transmission Media</b>	10BaseT Cat. 3, 4, 5 UTP/STP 100BaseTX Cat. 5 UTP/STP

### 2. Interface

<b>RJ45 Ports</b>	8 10/100BaseT(X) auto-negotiation speed, F/H-Duplex mode, and auto-MDI/MDI-X connection
<b>LED Indicators</b>	Power, Faults, 10/100M and Link/Act
<b>DIP Switch</b>	Port break alarm
<b>Alarm Contact</b>	One relay output with current carrying capacity of 1A @ 24 VDC

### 3. Power

<b>Input Voltage</b>	24VDC (12 to 48 VDC), redundant inputs
<b>Connection</b>	Removable 9-pin Terminal Block
<b>Power Consumption</b>	8 Watts
<b>Reverse Polarity Protection</b>	Present

### 4. Mechanical

<b>Casing</b>	IP31 protection, metal case
<b>Dimensions</b>	55 x 120 x 108 mm (W x H x D)
<b>Weight</b>	525 g
<b>Installation</b>	DIN-Rail, Wall-mounting, Desktop

## 5.Environment

<b>Operating Temperature</b>	-25 to 70°C
<b>Storage Temperature</b>	-40 to 85°C
<b>Humidity</b>	0 to 95% RH (non-condensing)

## 6. Approvals

<b>Safety</b>	UL, CUL, CE, EN60950
<b>EMI</b>	FCC Part 15
<b>EMS</b>	EN61000-4-2 (ESD), EN61000-4-3 (RS), EN61000-4-4 (EFT), EN61000-4-5 (Surge), Level 3, EN61000-4-6 (CS), Level 3
<b>Shock</b>	IEC60068-2-27
<b>Free Fall</b>	IEC60068-2-32
<b>Vibration</b>	IEC60068-2-6

## Ordering Information:

**ISD-800 : Industrial 8-port 10/100TX Unmanaged Redundant Ethernet Switch**

\* Product specification subject to change without notice.