Ittelecom Optical Technology Co., Itd

## P/N: ITT-SW3914



## **Features:**

- Support the switch between 10/100Base-TX and 1000Base-SX/LX
- 1\*1.25Gbps full-duplex fiber port, 4\*100M Ethernet ports with auto-negotiation function
- Support 100M speed rate, MDI/MDIX and half/fullduplex with auto-negotiation function
- Each port has the complete LED Indicator light
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- Fiber port is SFP slot, choose different SFP modules as real demands
- Support IEEE802.1d Spanning Tree
- Support high performance QoS function on each port
- Support broadcast storm control
- Support 48-56V voltage input
- Support IEEE802.3x flow control and back pressure control
- Require no configuration and will instantly operate as

## **Description**:

The ITT-SW3914 is an Ethernet Fiber Switch which is specially designed for network monitoring. It has eight 10/100Mbps adaptive Ethernet ports which can support up to 30W power. It adopts imported Marvell chips to ensure low power consumption and high stability. It extends the transmission distance of a network from 550m to 100km via coppercables. There are also many other advantages such as isolation protection, good data security, working stability and easy maintenance.





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## **Technical Parameters:**

• Standards	<ul> <li>IEEE802.3 10Base-T</li> <li>IEEE802.3u 100Base-TX/FX</li> <li>IEEE802.3x Flow control</li> <li>IEEE802.3z 1000Base-SX/LX</li> <li>IEEE802.3af</li> <li>IEEE802.1p QoS</li> <li>IEEE802.1d Spanning Tree</li> <li>IEEE802.3at</li> </ul>
Certifications	CCC, CE, FCC, RoHS
• Ethernet Port	<ul> <li>Connector: RJ45</li> <li>Data Rate: 10/100M</li> <li>Distance: 100m</li> <li>UTP Type: UTP-5E or higher level</li> </ul>
• Fiber Port	<ul> <li>Connector: SFP slot</li> <li>Data Rate: 1.25Gbps</li> <li>Distance: 550m ~ 100km</li> </ul>
Performance	<ul> <li>Processing Type: Store and Forward</li> <li>MAC Table Size: 8K</li> <li>Buffer Space: 1Mbit</li> <li>Back bandwidth: 2.8G</li> <li>Time Delay: &lt; 150µs</li> </ul>
• POE	<ul> <li>Power type: end span</li> <li>Cell: 1/2+, 3/6-</li> <li>Port characteristics: 15.4W/30W</li> <li>Power supply: 65W</li> </ul>
• Power	<ul> <li>Power type: external power supply</li> <li>Input Voltage: AC100V ~ 240V 50/60Hz</li> <li>Connector: DC Socket</li> <li>Working Voltage: 48-56V</li> <li>Power Consumption: 1.4W ~ 3.0W</li> </ul>
Environment	<ul> <li>Storage Temperature: -40 ~ 70°C</li> <li>Operating Temperature: -10 ~ 55°C</li> <li>Relative Humidity: 5-90% ( no condensation)</li> </ul>
Physical Characteristics	<ul> <li>Dimension: 160×84×26mm</li> <li>Weight: 0.30kg</li> <li>Color: Metal, Black</li> </ul>