

## FW8100WSM

## 10G Media Converter



### Product introduction

This product is a high-performance 10G photoelectric converter, which uses optical-electric conversion to achieve balanced amplification of optical signals, clock extraction and optical regeneration, and adopts WDM (DWDM / CWDM) technology, which can realize one or more channels on a single fiber Long-distance transmission of optical signals. The 10G mini Ethernet optical-to-electrical converter is designed by our company for big data and high-speed digital broadband networks. It is mainly used for metropolitan optical fiber digital broadband network upgrade and expansion, and large-capacity server data transmission. The product provides high-quality, high-reliability, high-bandwidth, and low-price design ideas to provide users with sufficient bandwidth, stable performance, and powerful network solutions.

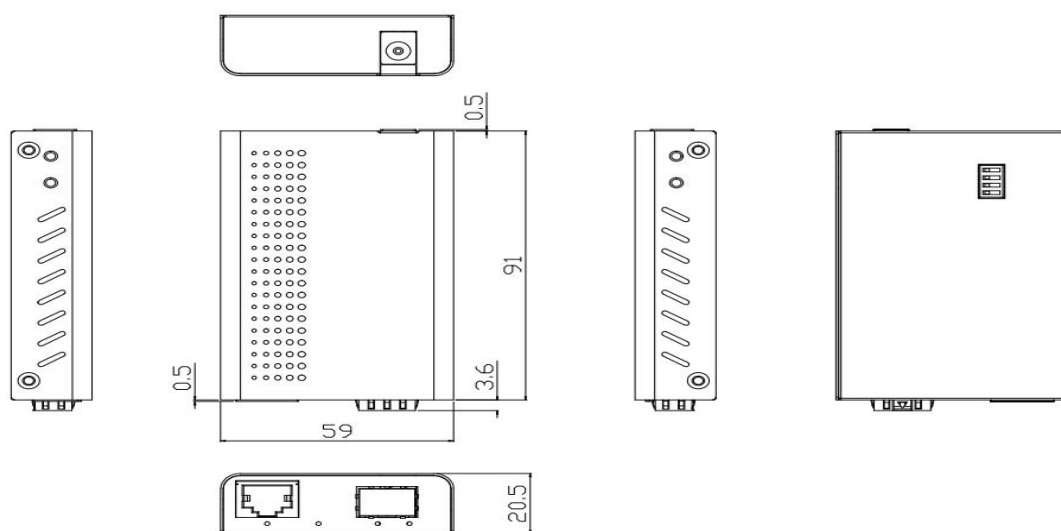
### Product Features

- ◆ Provide one 10 Gigabit optical port, one 10 Gigabit adaptive electrical port
- ◆ Copper port supports 1000Base-T, 2.5/5/10GBase-T auto-negotiation
- ◆ IEEE802.3x flow control supporting full duplex
- ◆ Working wavelength 850nm, 1310nm, 1550nm optional
- ◆ Provide multiple fiber transmission modes such as dual fiber multimode, dual fiber single mode and single fiber single mode
- ◆ One click DIP LFP link detection function
- ◆ One click DIP ALS function (laser automatically turned off)
- ◆ One click DIP Switch for the direct mode and store-and-forward mode
- ◆ Support half-duplex back pressure flow control;
- ◆ Can work under the temperature of -20~60°C;

## Specifications

<b>Standard</b>	IEEE802.3U、IEEE802.3ab、IEEE802.3ae、IEEE802.3ak
<b>Electric port characteristics</b>	Interface type : RJ-45 Rate: 100/1000Base-T,2.5/5/10GBase-T Auto Cable type: UTP-6e or higher Transmission distance: 0-100m
<b>Optical port characteristics</b>	Interface type: SFP+ Rate: 10Gbps Multimode: 50/125um Single mode: 9/125um Transmission distance: 300m~80Km
<b>LED</b>	TP/LINK,SPD,FX/LNK,PWR
<b>Power requirement</b>	Input voltage : DC12V
<b>Physical properties</b>	Shell: iron shell Size : 91mm*59mm*20.5mm Installation method: desktop
<b>Environmental restrictions</b>	Operating temperature: -20~ 60° C (-4~ 140° F) Storage temperature : -20 ~ 70° C (-4 ~ 158° F)
<b>Relative humidity of the environment</b>	5 ~ 90% (non-condensing) MTBF Time : 500000 h

## Size (mm)



## Ordering Information

Part No.	Specifications
FW8100WSM	10G Media Converter 1000Base-T,2.5/5/10GBase-T 1XRJ45 and 1XSFP+ DC12V 91mm*59mm*20.5mm