10GE-SFPP-SAC

The 10GE-SFPP-SAC Media Converters, equipped with both SFP+ and RJ45 ports, is designed to meet the needs of large, high-speed/bandwidth demanding workgroups aiming to expand their Ethernet network. This high-performance and cost-effective solution accommodates the conversion of 1/10G-BASE-T/10G-BASE-FX, making it ideal for a wide range of applications within LAN campus networks. This fiber media converter efficiently transforms short-distance 10GBase-TX twisted-pair electrical signals into long-distance 10GBase-FX optical signals, significantly extending Ethernet transmission distances from 100 meters to 120 kilometers. Boasting features like isolation protection, robust data security, superior work stability, and easy maintenance, it offers a reliable and flexible solution for network expansion.
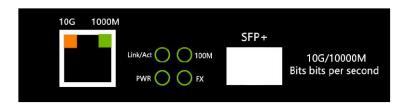

Features

- Transmission offers higher security and stability.
- Supports electrical outlet 10Gbase-T to 10Gbase-SR/LR/ER/ZR.
- Optical port supports 3R function (balanced amplification, clock extraction, integral regeneration) for data transmission.
- Transparent transmission of data with short delay.
- Supports 850nm, 1310nm, 1550nm, and CWDM/DWDM wavelengths specified by ITUT.
- Supports long jumbo frames.
- Supports DMI function of the optical module.
- Supports loopback for functional tests.
- Supports SFP+/XFP optical modules with different interfaces.
- Supports 5-20V wide voltage power supply.
- Supports rack centralized power supply management.
- Supports external power supply.

STARVIEW TECHNOLOGIES

Technical Parameters

Item	Description
Ethernet port	1pc*100/1000/10000M RJ45 Port
Fiber port	1pc*10G SFP+ Port
Operation Mode	Full /Half duplex
Standard Protocol	IEEE 802.3 、IEEE 802.3z、IEEE 802.3ae、IEEE 802.3u、 IEEE 802.3x、IEEE 802.3i、IEEE 802.3ab
Core Master Control	88X3310-A1-BUS4C000
Store and forward	Support
Backplane bandwidth/MAC	56G / 16K
Adaptive state	Support 100M/1000M/10000M photoelectric adaptive
Application method	wall-mounted or desktop
Usage environment	Work temperature:0℃～70℃
	Stockage temperature:-40℃～85℃
	Working humidity:10%～90% RH non-condensing
	Stockage humidity:5%～90% RH non-condensing
Power Supply	5V2A / 12V1A optional
Dimension	134mm*82mm*27mm (L x W x H)
Weight	0.29kg

Front Panel Indicators

PWR: Power Indicator Light

"GREEN" Normal Operation

"OFF" No Power

LINK/ACT Link Activation on Fiber Port

"GREEN" Optical fiber link is established

"FLASHING GREEN" Data is transmitted in the fiber link

"OFF" Optical fiber link is not established

10G/1000M

"GREEN & 100M" Electrical port 100M is established

"GREEN" Electrical port 1000M is established

"ORANGE" Electrical port 10G is established

"FLASHING" Data is transmitted in the electrical port

"OFF" No signal at electrical port

FX Full Duplex

"GREEN" Copper Port is full duplex connection

"OFF" Copper port is half duplex connection