

MFC1-SM

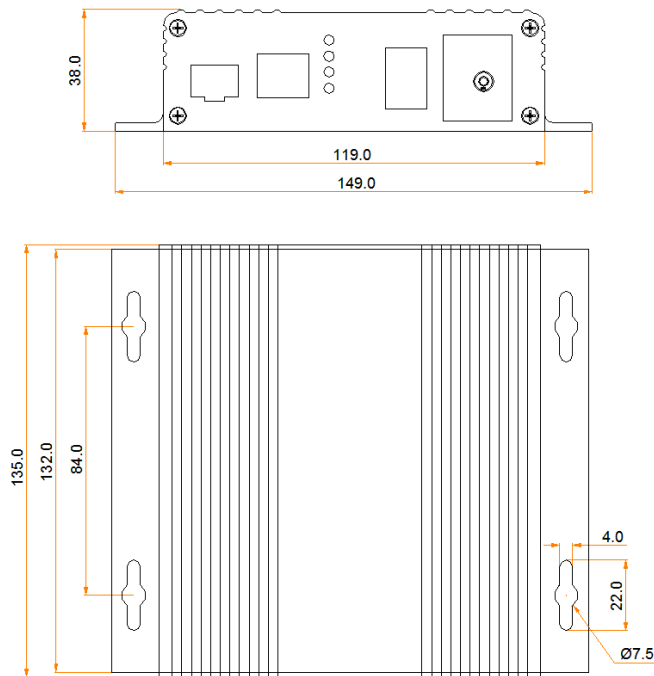
FIBER CONVERTER

DESCRIPTION

The MFC1-SM is a compact single-channel fiber converter developed by Starview. It converts between optical and electrical signals, enabling stable, long-distance transmission that resists interference. Ready to use with no drivers required, the MFC1-SM connects a sending card to an LED display over single-mode fiber, simplifying on-site wiring where the signal source and the display are far apart.



DIMENSIONS (MM)

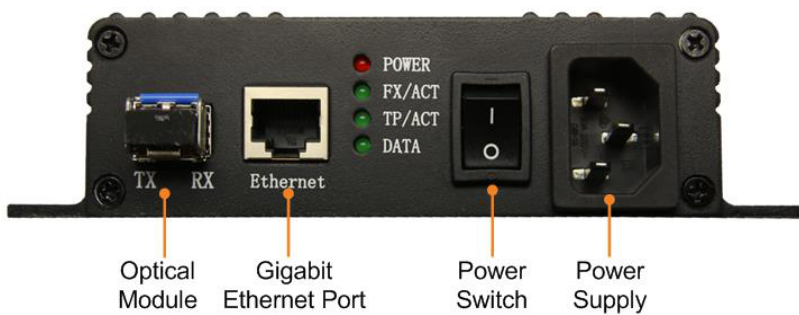


Tolerance: ± 0.3

FEATURES

- 1x Gigabit Ethernet port
- 1x Single-mode twin-core LC optical port, optical module installed at the factory
- Optical port: 1.25 Gb/s rate, 1310 nm wavelength, up to 20 km, hot pluggable
- Plug-and-play, no drivers required
- Compact aluminium housing with wall-mount brackets

APPEARANCE



Indicators

Indicator	Color	Status	Description
POWER	Red	Always on	The power supply is normal.
FX/ACT	Green	Always on	The optical port connection is normal.
TP/ACT	Green	Always on	The Ethernet port connection is normal.
DATA	Green	Flashing	The Ethernet port is outputting data.

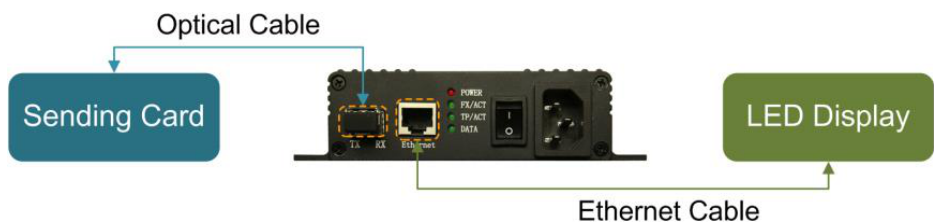
Input and Output

Port	Description
Optical port	1x single-mode twin-core LC optical port; optical module installed at the factory, hot pluggable. Transmission: 1.25 Gb/s, 1310 nm, up to 20 km. Fiber: single-mode 9/125 μm, LC connector.
Ethernet port	1x Gigabit Ethernet (RJ45) port for data input or output.

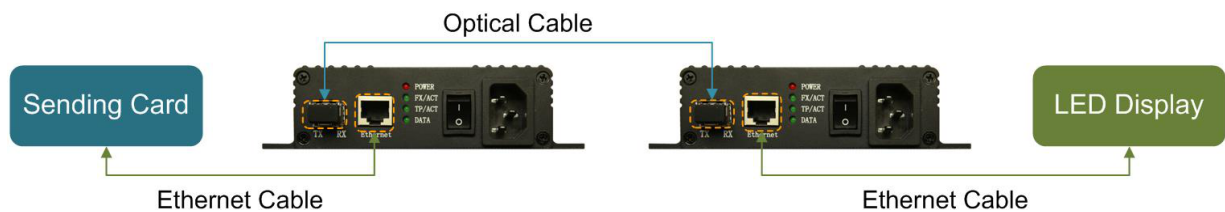
APPLICATIONS

The MFC1-SM is used for long-distance data transmission. The connection method depends on whether the sending card has optical ports.

The sending card has optical ports



The sending card has no optical ports



Technical specifications

MFC1-SM

Electrical Specifications	Power supply	AC 100-240 V, 50/60 Hz, 0.35 A
	Rated current	0.7 A
	Rated power consumption	3.5 W
Operating Environment	Temperature	-20°C to +70°C
	Humidity	10% RH to 90% RH, non-condensing
Storage Environment	Temperature	-30°C to +80°C
Physical Specifications	Dimensions	149.0 mm × 135.0 mm × 38.0 mm
	Net weight	0.53 kg
Packing Information	Carrying case	335.0 × 190.0 × 62.0 mm, kraft paper box
	Foam	330.0×180.0×5.0 mm (Top); 330.0×180.0×53.0 mm (Bottom)
	Packing box	400.0 × 365.0 × 355.0 mm, kraft paper box
	Accessories	1x Power cord

* The amount of current and power consumption may vary depending on product settings, usage and environment.

For technical or sales support, please visit:

www.starviewint.asia

Performance specifications are typical. Due to constant research, specifications are subject to change without notice. For the most up-to-date specifications, please contact an authorized Starview representative.

For assistance with confirming the Jurisdiction & Classification of Starview Asia products, please contact info@starviewint.asia

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