

# OPT10

## Fiber Converter



The OPT10 is fiber converter developed by Magnimage for LED displays, mainly used in scenarios where the video processing equipment is far away from the LED display.

Supports 2 10G fiber optical ports:OPT1 using as the input,and OPT2 using as a backup input for OPT. Additionally, it has 10 Gigabit Ethernet port outputs. When used with video processing equipment that supports optical ports, it connects via fiber optic cables to a fiber converter and then to the LED display.

### Product Features

- Single-mode 2 core module with a maximum transmission distance of 1 0 km
- Multi-mode 2 core module with a maximum transmission distance of 300m
- 10 Gigabit Ethernet ports with auto-adaptation to match the output load of front-end device ports
- 2 10G fiber optical ports
- Optical input backup

## Panel Introduction



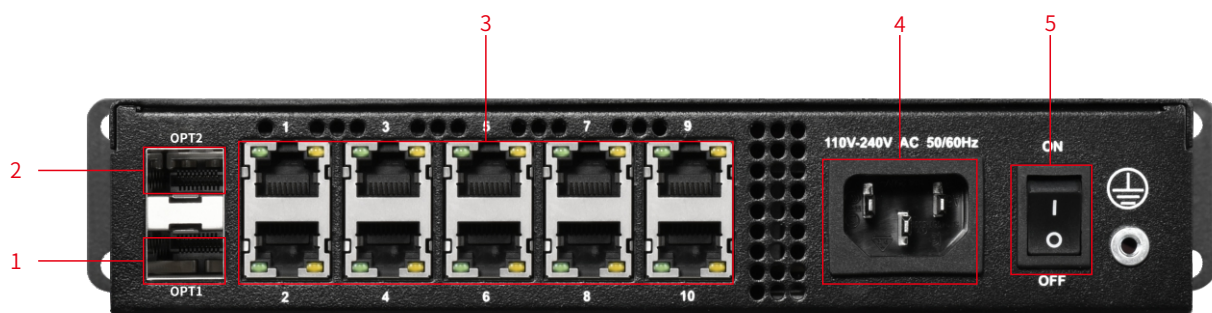
① Power Indicator

② Operation Indicator

③ OPT2 Indicator

④ OPT1 Indicator

⑤ Gigabit Ethernet Indicator



① OPT1

② OPT2

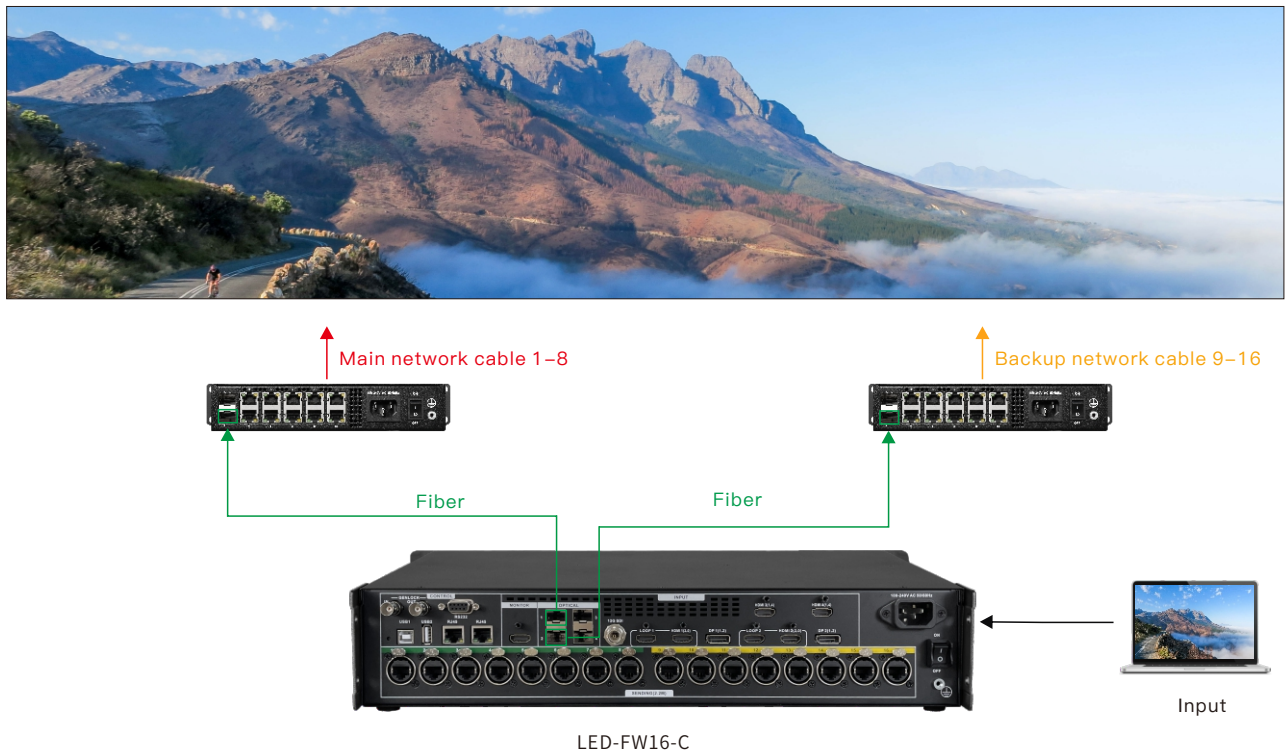
③ 10 Gigabit Ethernet Ports

④ Power Input

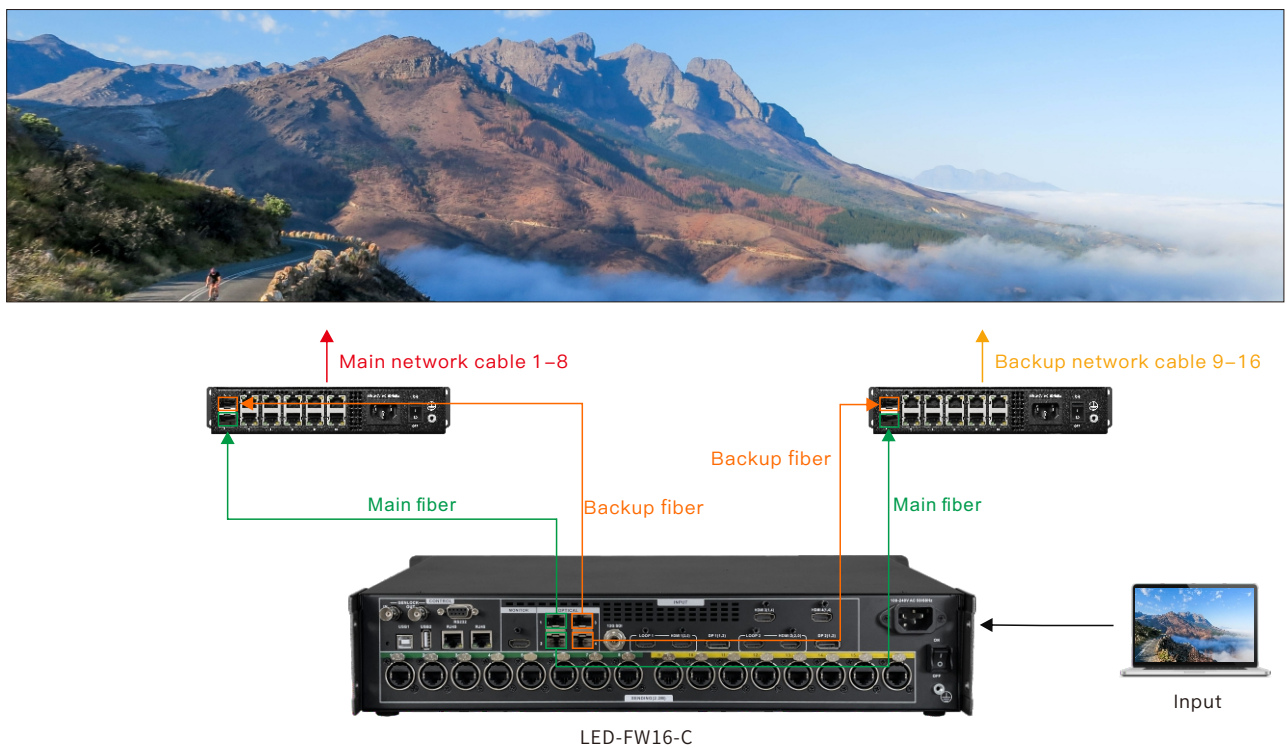
⑤ Power Switch

## ▮ Main Features and Characteristics

### 📖 Application Scenario 1

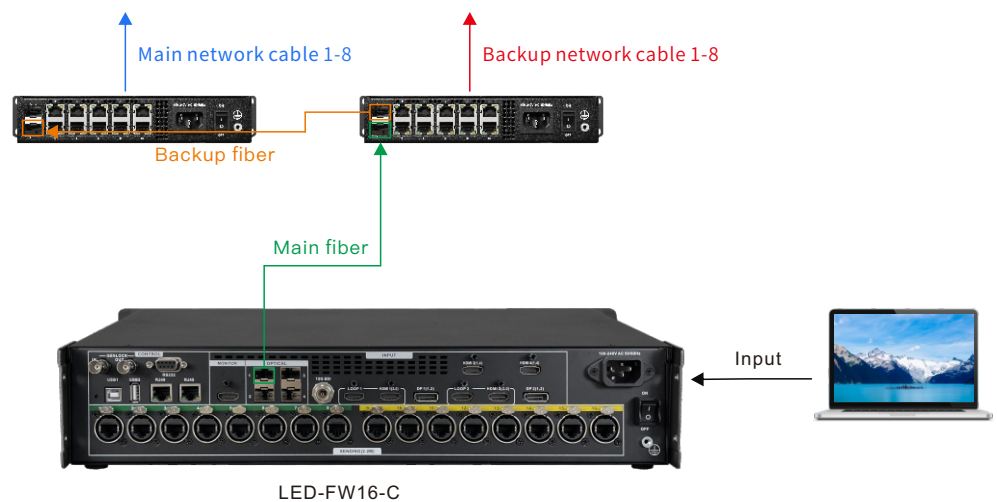


### 📖 Application Scenario 2



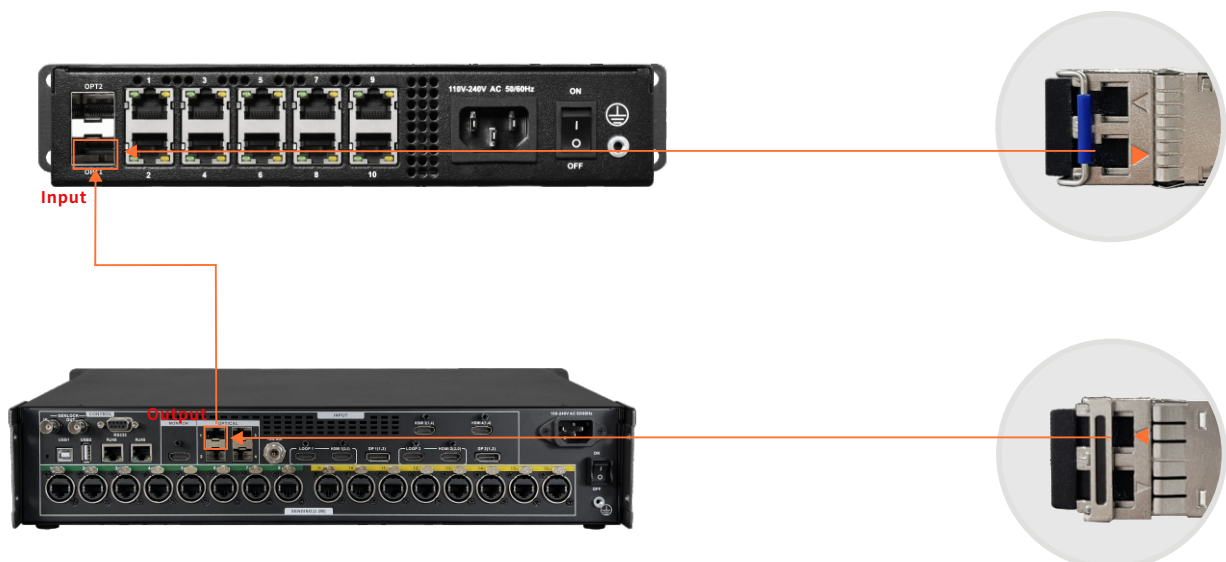
## ▮ Main Features and Characteristics

### 📖 Application Scenario 3



### 📖 Description of Optical Module

The optical module is a 2 cores module that requires two fiber optic cables to complete communication (notice that the optical module is divided into an input and an output, with the input at one end connected to the output at the other).



Technical Parameters

| Specification             |                                                                                                                                                                             |                        |                                                                                     |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-------------------------------------------------------------------------------------|
| OPT10                     | <ul style="list-style-type: none"><li>• Connector Type: LC</li><li>• Applicable to single-mode 2 core module</li><li>• Optical fiber transmission distance: 1 0km</li></ul> |                        |  |
|                           | <ul style="list-style-type: none"><li>• Connector Type: LC</li><li>• Applicable to multi-mode 2 core module</li><li>• Optical fiber transmission distance: 300m</li></ul>   |                        |  |
| Electrical Specifications | Power Supply                                                                                                                                                                | 110-240V, 50/60hz 0.3A |                                                                                     |
|                           | Rated Power Consumption                                                                                                                                                     | 30 W                   |                                                                                     |
| Operating Environment     | Temp                                                                                                                                                                        | -20°C~+60°C            |                                                                                     |
|                           | Humidity                                                                                                                                                                    | 0%RH~90%RH             |                                                                                     |
| Size                      | 257.60mmX226.70mmX43.80mm                                                                                                                                                   |                        |                                                                                     |
| Net Weight                | 1.7kg                                                                                                                                                                       |                        |                                                                                     |



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