



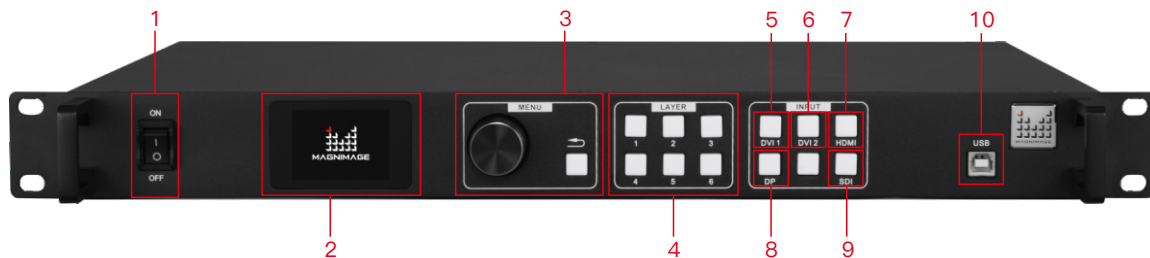
LED-F810 is a video controller that integrates video processor and sending card function. It has a variety of video image input Interfaces, including 1×HDMI2.0, 1×DVI(HDMI1.4)&DP1.1, 1×DVI, and one audio input, expandable with 1×3G SDI. The output supports 10 ports of gigabit Ethernet, 1×HDMI LOOP and one audio output. The loading capability of single port can reach 0.98M pixels(60Hz), The whole machine loading up to 8.8 million pixels. maximum width can be 8192 and maximum height can be 3840, and support customized output resolution.

LED-F810 support the function of quick light-up screen without computer software connection, greatly simplify the setting steps.

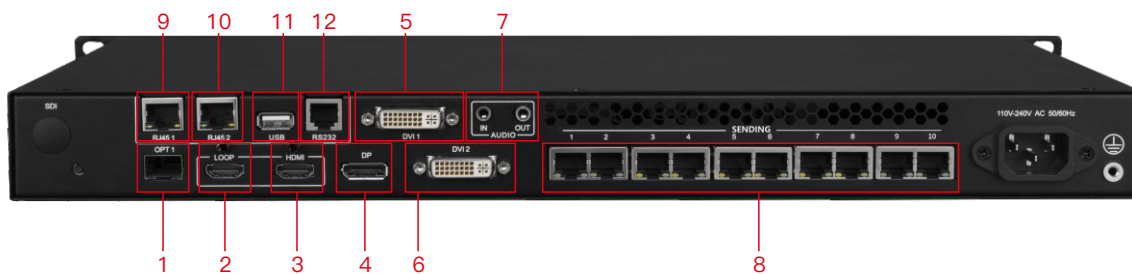
Features

- Quick light-up screen, no need computer software connection
- 10 channels gigabit Ethernet output, support customized Output resolution
- Input EDID management
- Support 4K*2K/60Hz(HDMI 2.0) input
- Support layer size and position adjustment and image crop
- 6 layers display
- Support scrolling caption
- Support serial number calibration for receiving card
- Seamless switching for input source and preset
- Free cable connection
- Free image zooming
- Save and load template
- Support external independent audio input/output
- Support connection with C-Link series receiving card
- Support network interface communication, wireless Control screen

Panel Introduction



- ① Power switch
- ② LCD display
- ③ Knob/OK/Return button
- ④ Layer selection button
- ⑤ DVI 1
- ⑥ DVI 2
- ⑦ HDMI
- ⑧ DP
- ⑨ SDI
- ⑩ USB control port

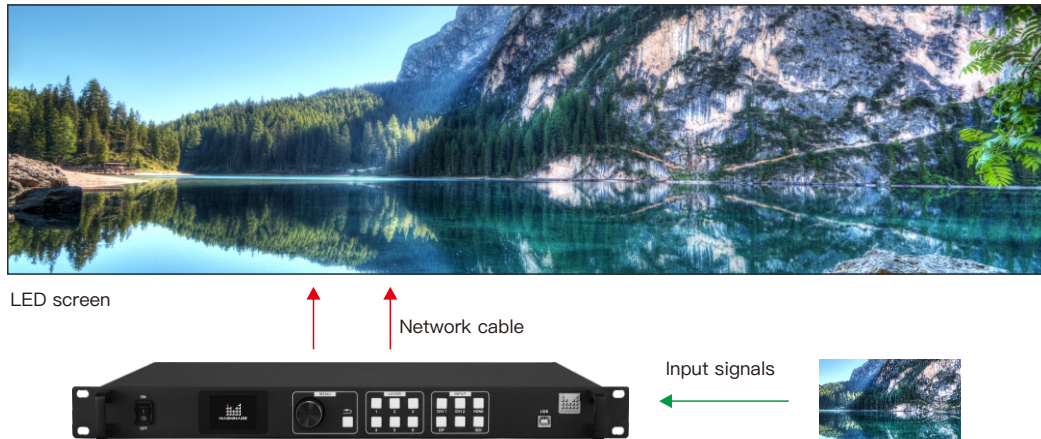


- ① OPT 1
- ② LOOP
- ③ HDMI
- ④ DP input
- ⑤ DVI1 input
- ⑥ DVI 2 input
- ⑦ Audio input/output
- ⑧ 10 channels gigabit Ethernet output
- ⑨ RJ45-1
- ⑩ RJ45-2
- ⑪ USB upgrade port
- ⑫ RS232 control port

▮ Main Features and Characteristics

● Fast light-up screen

LED-F810 can quickly configure parameters of whole LED screen (including screen connection/resolution setting/display size setting ect.) through guide menu, knob and button, light-up screen in a few steps, no need computer software connection.



● Optical port transmission

Optical port is connected to fiber converter through optical fiber which is converted to network cable to connect to big LED screen, solving the problem of long-distance transmission.



▮ Main Features and Characteristics

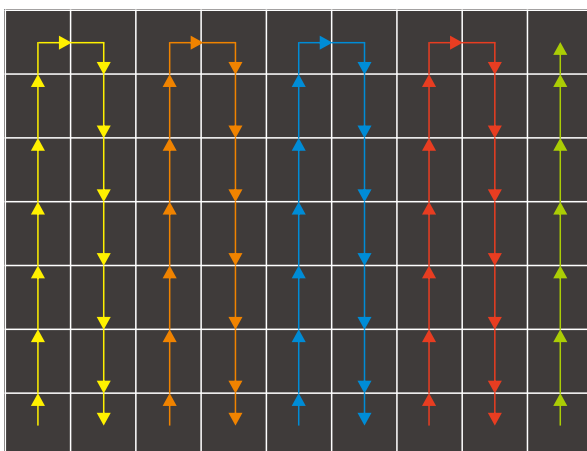
● 6 layers seamless switching

LED-F810 can realize 6 independent layers output, and the size/position can be adjusted arbitrarily. Single input signal cut switch or multi-layers seamless switching with no black screen.

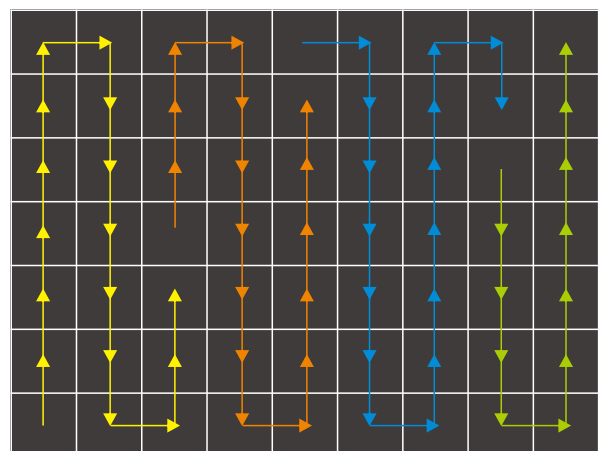


● Free cable connection

Each signal cable can load the actual number of the pixels, empty space do not take up the capacity. The loading area of a single signal cable is no longer limited to be rectangular.



Traditional cable connection

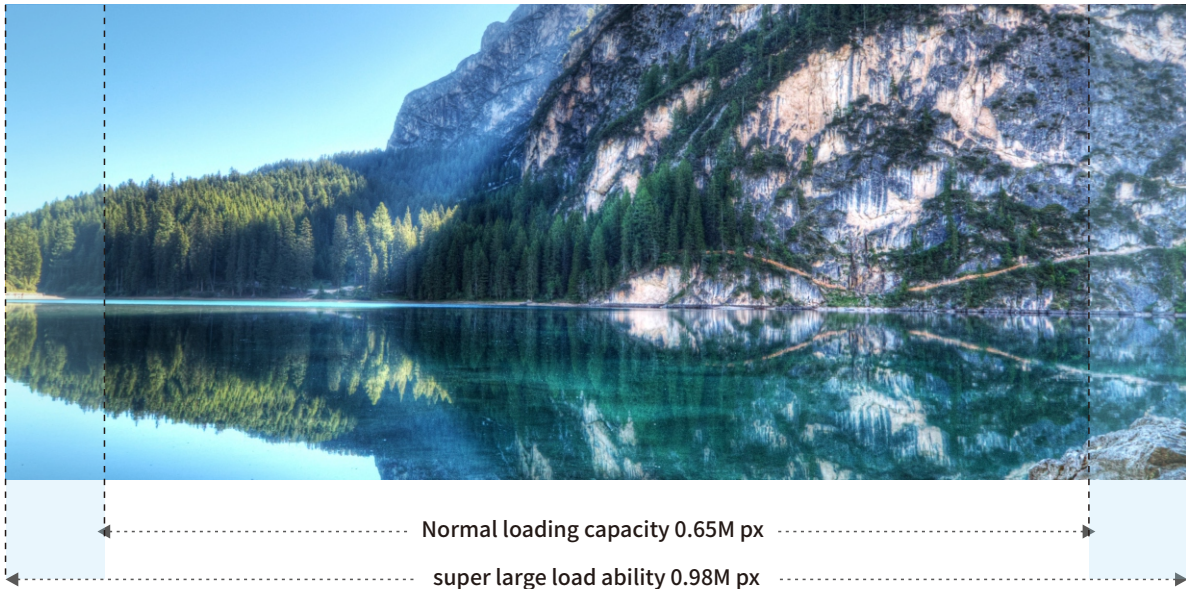


Free cable connection

▮ Main Features and Characteristics

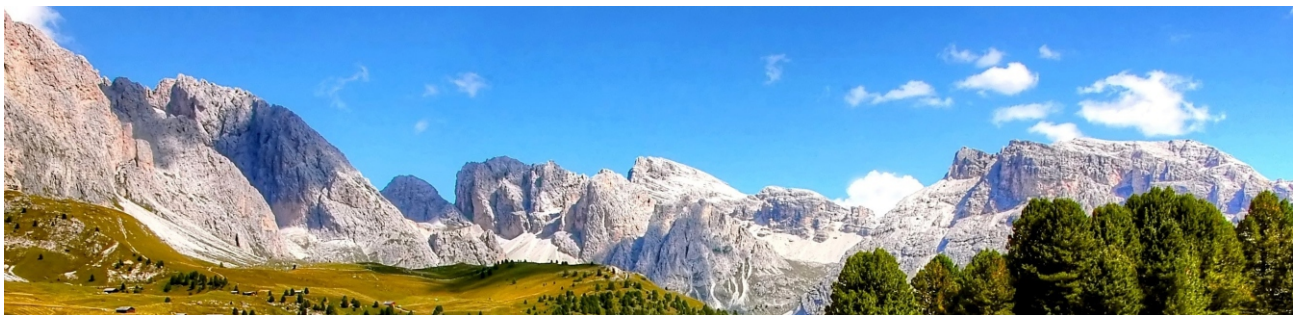
- **super large load ability**

Breaking through the tradition with unique super large loading function, the loading capability of single port can reach 0.98M pixels(60Hz).



- **Audio split output**

Support external audio input/output, HDMI audio split output.



LED screen



▮ Main Features and Characteristics

🌀 Scrolling caption

Edit text content, size, color, scrolling speed and background color through software.



Technical parameters

Model

| Model | Specification |
|-----------|---------------------------------|
| LED-F810 | Standard model |
| LED-F810S | Standard model+SDI input port*1 |

Input specification

| Port | Quantity | Resolution specification |
|---------------|----------|---|
| DVI2 | 1 | HDMI1.4 protocol,3840×1080/60Hz and customized |
| DP1 .1 | 1 | 3840×1080/60Hz and customized |
| HDMI2.0 | 1 | 3840×2160/60Hz and customized |
| DVI | 1 | HDMI1.4 protocol,3840×1080/60Hz and customized |
| SDI(optional) | 1 | 480i,720P,1080i/60Hz,1080P/60Hz 3G SDI standard |
| AUDIO IN | 1 | 3.5mm audio port |

*choose between DVI 2 and DP to use at one time.

Output specification

| Port | Quantity | Resolution specification |
|---|----------|---|
| Ethernet port (connect receiving card) | 10 | 8.8 million pixels loading for the whole machine, and 0.98 million pixels loading on a single network port max horizontal 8192 px, max vertical 3840 px |
| HDMI LOOP | 1 | HDMI loop out (HDMI2.0) |
| OPT | 1 | Used for optical ports' backup or signal copy output |
| AUDIO OUT | 1 | 3.5mm audio port |

Control port

| Type | Quantity | Specification |
|--------------------|----------|--|
| Square opening USB | 1 | Connect computer software to control |
| RJ45 | 2 | For computer software control or multi-cascade control or central control |
| RS232 | 1 | Use RS232 to central control |

Machine Specification

| | |
|----------------------|---------------------|
| Input Power Voltage | 100~240V AC 50/60HZ |
| Power Consumption | 50W |
| Operating Conditions | 0°C~45°C |
| Dimension (L×W×H) | 482.6×361.1×44.5mm |
| Weight | 4.1kg |



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