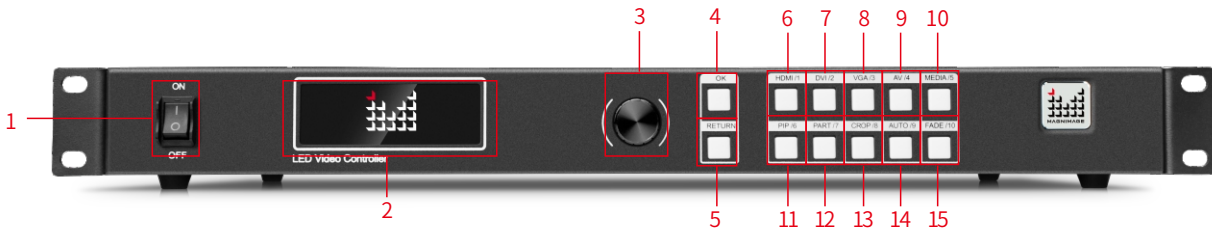## Overview

LED-F702 is a video controller that integrates video processing and sending card function. It has a variety of video image input interfaces, including VGA×1, DVI×1, HDMI×1, Video (PAL/NTSC)×1, supporting full HD signal input and 2 gigabit Ethernet outputs. The maximum loading capacity up to 1.3M pixels, the maximum loading resolution of width and height is 3840×1920 pixels, the loading expansion technology supports a single signal port loading 1 million pixels and the whole machine loading up to 2 million pixels.

LED-F702 supports the function of quick light-up screen without the computer software connection, greatly simplifies the working steps.
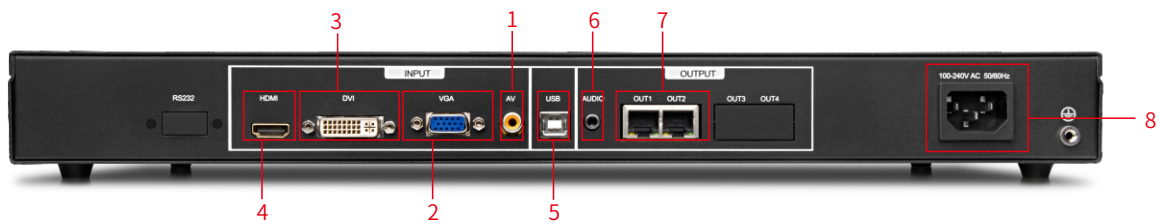
Features

- Quick light-up screen, no need the software configuration connection
- 2 channels gigabit network port outputs, support customize output resolution
- DVI input EDID management
- Partial / full screen display function
- Image capture and image freezing
- Double picture display
- Free image zooming
- Free cable connection
- Support loading capacity expansion technology

- Instant switches or fades in/out between signals
- Image and text overlay function to achieve subtitle overlay, image synthesis effect
- Supports template saving and retrieve, 10 kinds of templates can be saved
- Input signal hot backup function
- External independent audio input
- Support the connection of all series of Magnimage's receiving cards

✏ Panel Introduction

❶ Power switch

❷ LCD screen with menu content

❸ Rotate key to control the menu

❹ Confirm key

❺ Return key

❻ HDMI input / key 1

❼ DVI input / key 2

❽ VGA input / key 3

❾ AV input / key 4

❿ Key 5

⓫ Quick double-picture / key 6

⓬ Partial, full screen switch / key 7

⓭ Quick image capture / key 8
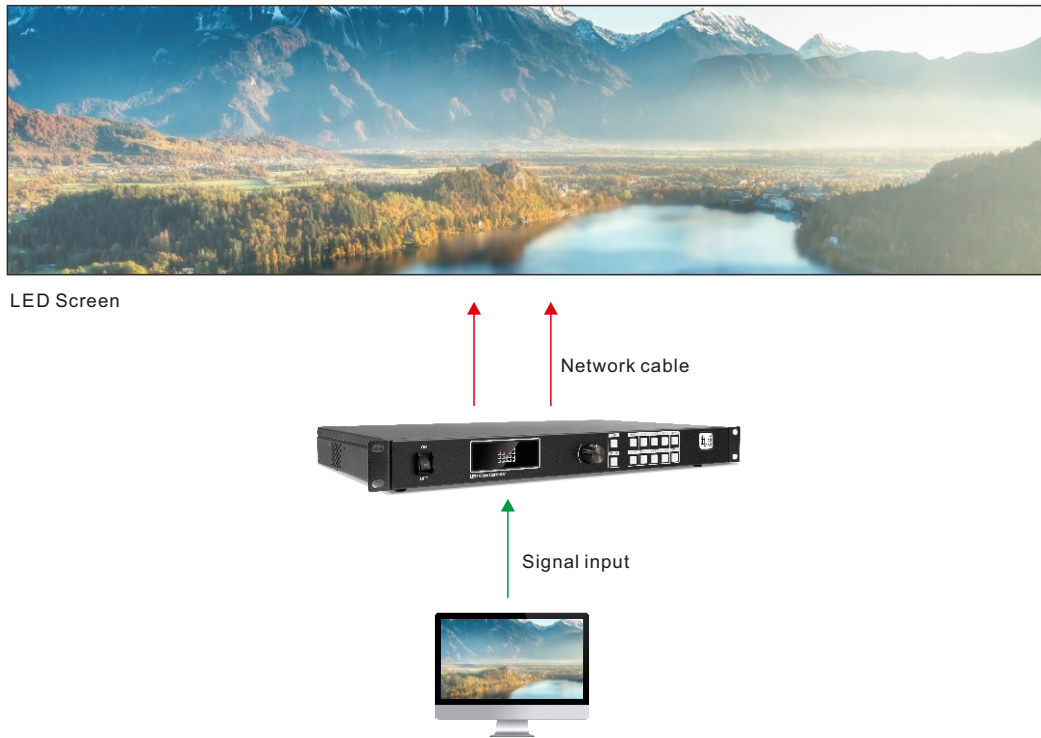
⓮ Auto adjustment / key 9

⓯ Fade in and out / key 0

❶ AV input

❷ VGA input

❸ DVI input

❹ HDMI input

❺ Square USB port

❻ Audio input

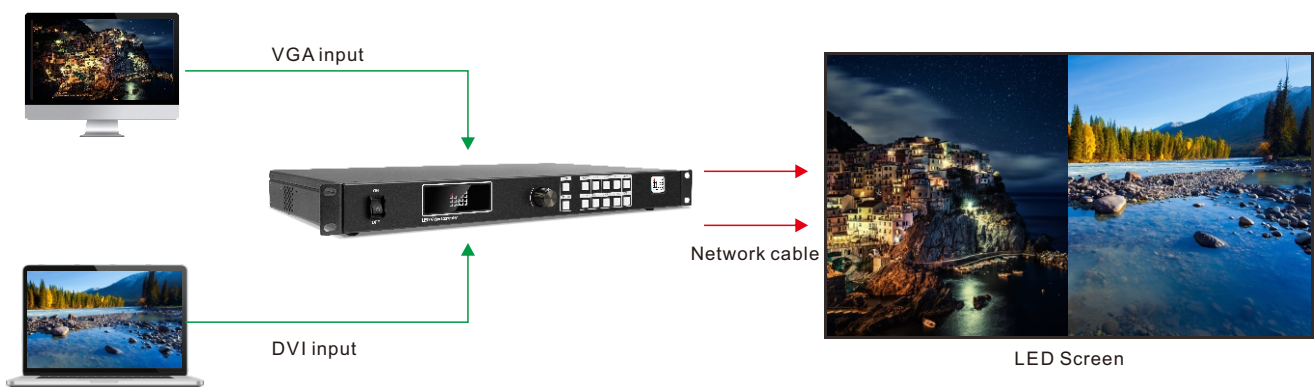❼ Gigabit network port output×2

❽ Power interface

◉ **Fast Light-up Screen**

LED-F702 can quickly configure the parameters of the whole LED screen system (including screen connection, resolution setting, display image size, etc.) without computer software. It can complete through the menu,knobs and buttons, the whole LED screen can be lit up in a few steps.

LED Screen

Network cable

Signal input

◉ **Double-picture Function**

LED-F702 can display two pictures at the same time through the double-picture function, the size and position of the picture can be changed arbitrarily.
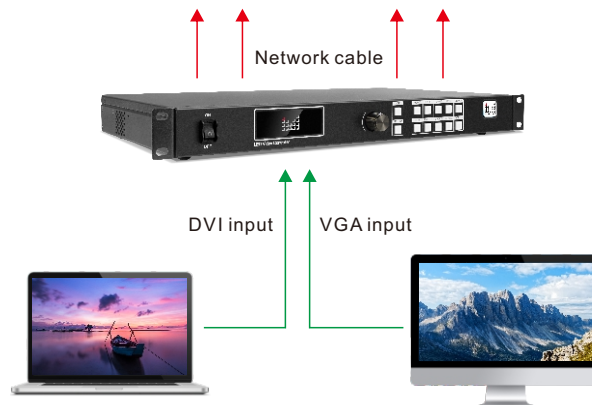

VGA input

DVI input

Network cable

LED Screen

◉ **Fade in/out Switch**

LED-F702 realized the fade in and fade out switching function between signals, no black screen or static frame while switching signals.
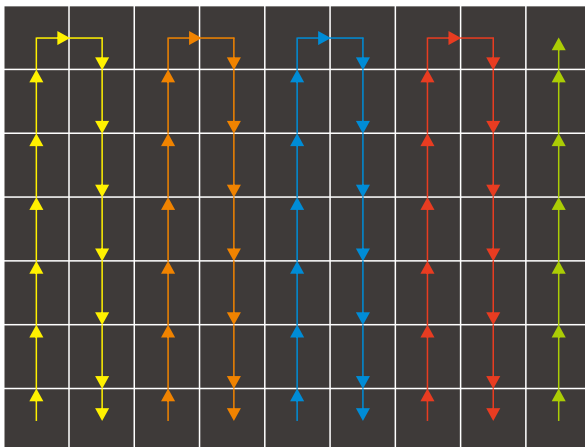

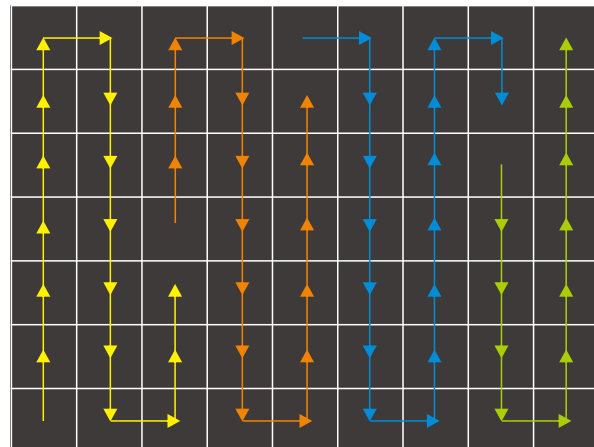LED Screen

Network cable

DVI input   VGA input

◉ Free Cable-connection

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

Regular Connection

Free Connection

Technical Parameters

Input Specification

Port	Quantity	Resolution Specification
AV	1	PAL/NTSC
VGA	1	VESA Standard
DVI	1	1920×1080/60Hz and EDID
HDMI	1	1920×1080/60Hz and below

Output Specification

Port	Quantity	Resolution Specification
Network Port (connect the receiving card)	2	Support customize output resolution The whole machine loading 1.3M pixels on standard, 650K pixels on a single network port. Loading expansion turned on, single signal port loading 1M pixels,whole machine loading 2M pixels

Control Port

Type	Quantity	Specification
Square USB	1	Use to connect the upper computer control

Machine Specification

Input Power	100~240V AC 50/60Hz
Power Consumption	20W
Overall dimension(L×W×H)	400×271.6×50.5mm
Weight	2.9kg