



























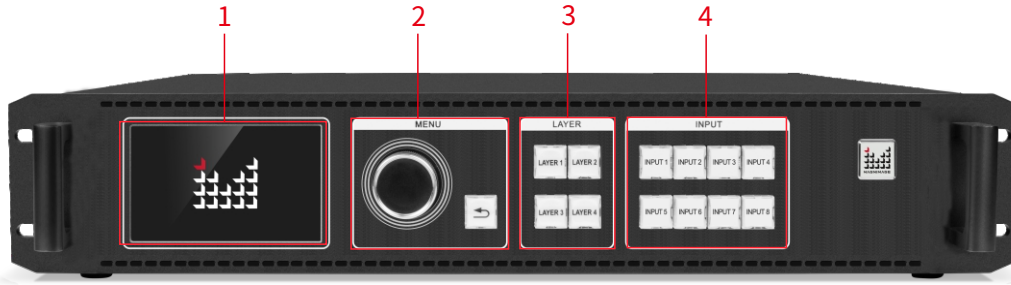
LED-F716 is one of Magnimage's all-in-one 4K type video controller, which is specially designed for 4K fix installation solution, It has abundant input interface: 1xHDMI2.0, 1xDP1.2, DVIx2, 1x Audio, and extender module (1x SDI, HDMI2.0+DP1.2, 2x DVI), Output has 16 × Neutrik Gigabit Ethernet ports and 2 × 10G optical ports. 1x HDMI Loop, 1x HDMI monitor, 10.4 million Pixels Resolution capability, max width 8192, max height 3840, Per Lan port can achieve 1 million pixels if works with Magnimage's bandwidth extended series receiving card, and total max pixels capability can achieve 16 million (60Hz) after bandwidth extended.

LED-F716 support quick screen configuration without pc software. Make configuration more easy

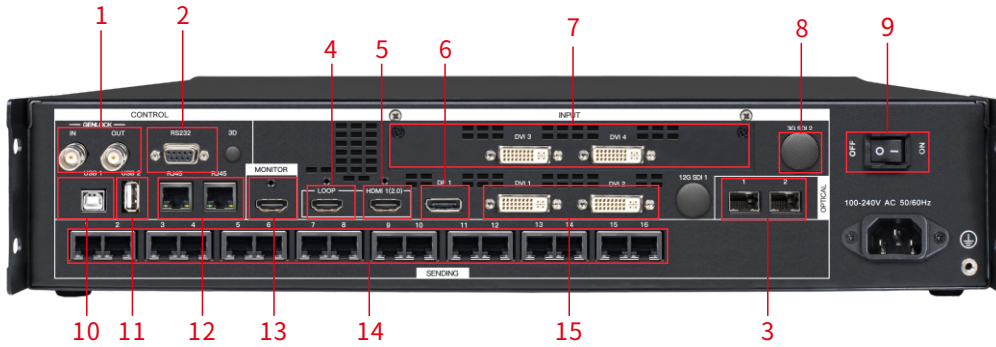
### Featured Functions

-  support quick screen configuration without pc software
-  16 × Neutrik Gigabit Ethernet ports, customized output resolution
-  Input EDID management
-  Dp 1.2 input support 4K\*2K/60Hz & 8K\*1K/60Hz, HDMI 2.0 support 4K\*2K/60Hz
-  4 layers, free sizeable and positionable
-  Support Bandwidth extended technology
-  Support mark number for receiving card
-  Preset save and load
-  Multiple units can be cascaded together for uniform control, multiple input cascade
-  Support lan port backup or Multiple unit backup
-  Support input hot backup
-  Input and preset fade switching
-  Support Scrolling text function
-  Support USB configuration file read and load
-  Lan port controlling with Loop port, for multiple unit config
-  Customised Input & Output resolution
-  Support Image zoom and Crop
-  Support output monitoring
-  Support senior cabling
-  Free cabling
-  Smart mark Number
-  Optic port backup
-  Support Audio input
-  Support RS232 control, Command control
-  Time task function, brightness changing
-  Support Magnimage C-link series receiving card

## Controller Introduction



- 1** LCD screen, Show the Menu
- 2** Rotary knob
- 3** Layer selecting Button
- 4** Input source selecting button

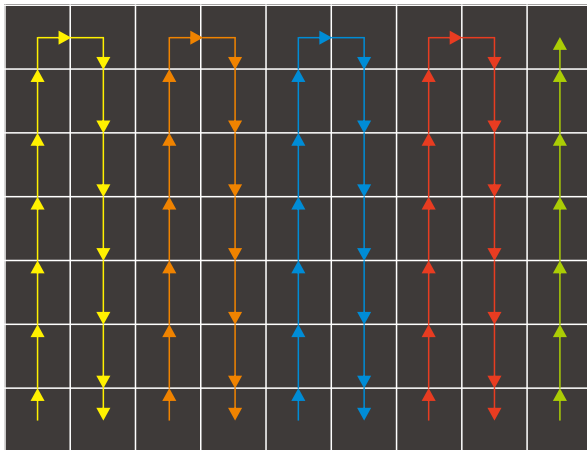


- 1** Genlock Input/output
- 2** RS232 control
- 3** 2 × 10G optical ports.
- 4** HDMI loop port
- 5** HDMI 2.0 input
- 6** DP1.2 input
- 7** DVIx2 /HDMI2.0+DP1.2 extender module
- 8** 3G SDI extender module
- 9** Power Button
- 10** USB control port
- 11** USB load & export& update
- 12** Lan port control
- 13** HDMI monitoring
- 14** 16× Neutrik Gigabit Ethernet ports
- 15** 2 X DVI input

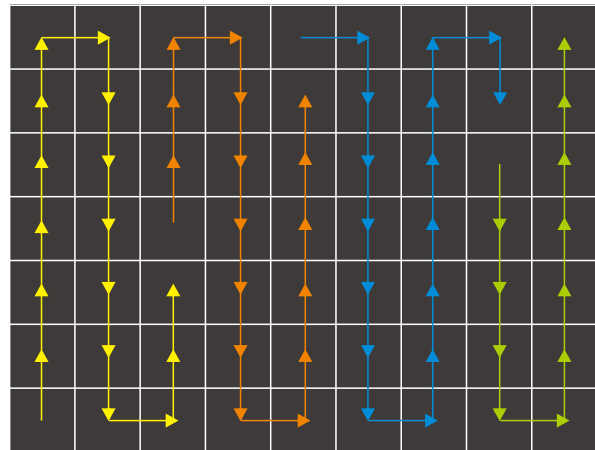
## Featured function Application

### Free Cabling

Blank cabling doesn't occupy the pixel capability of each lan port, no need rectangle cabling, save more out and carry bigger LED



Normal



Free Cabling

### Large Pixel Capability

Max can carry 16 million pixels after bandwidth extended (standard is 10.4 million), max width 8192, max height 3840. Can be customized.



## Featured function Application

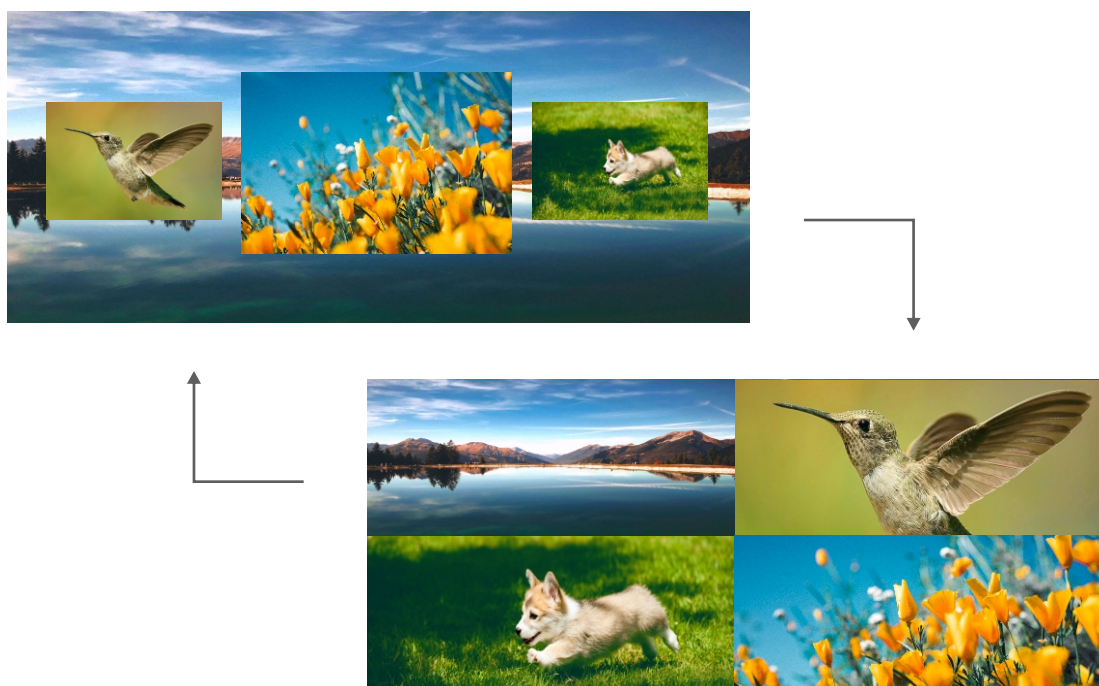
### Featured function Application

Bandwidth Extend Works with Magnimage receiving card , equipped with bandwidth extend technology , each lan output port can carry 1million pixels (still 60hz)



### 4 layers Fade switching

4 layers , free sizeable and positionable ,also support preset fade switching (4 layer to 4 layer switching) , layer 3 and layer 4 support de-interlacing processing





## Featured function Application

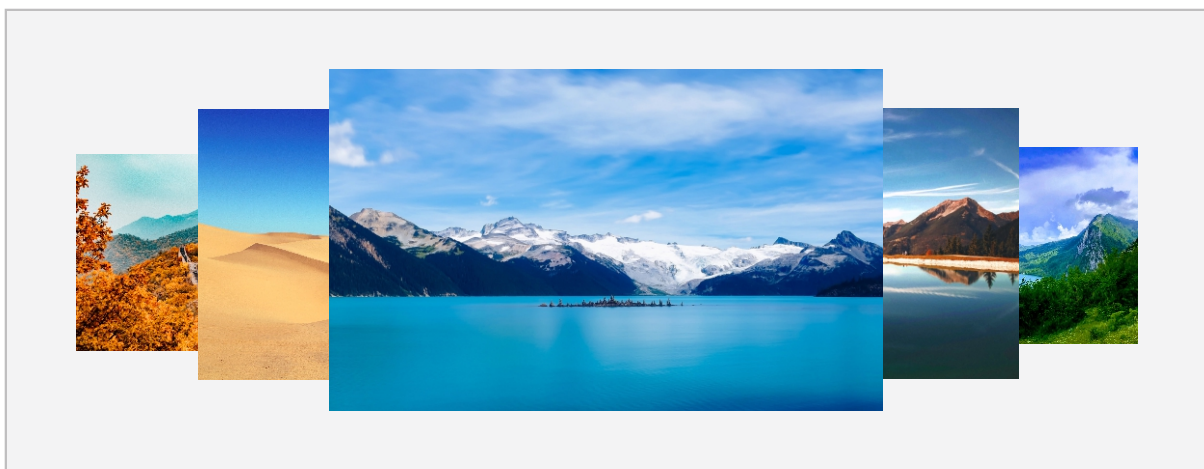
### Featured function Application

Monitoring Output Show the whole output content via a full HD monitor



### Support Time Task function

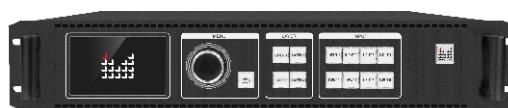
Auto switch the preset according to the time task setting



## Featured function Application

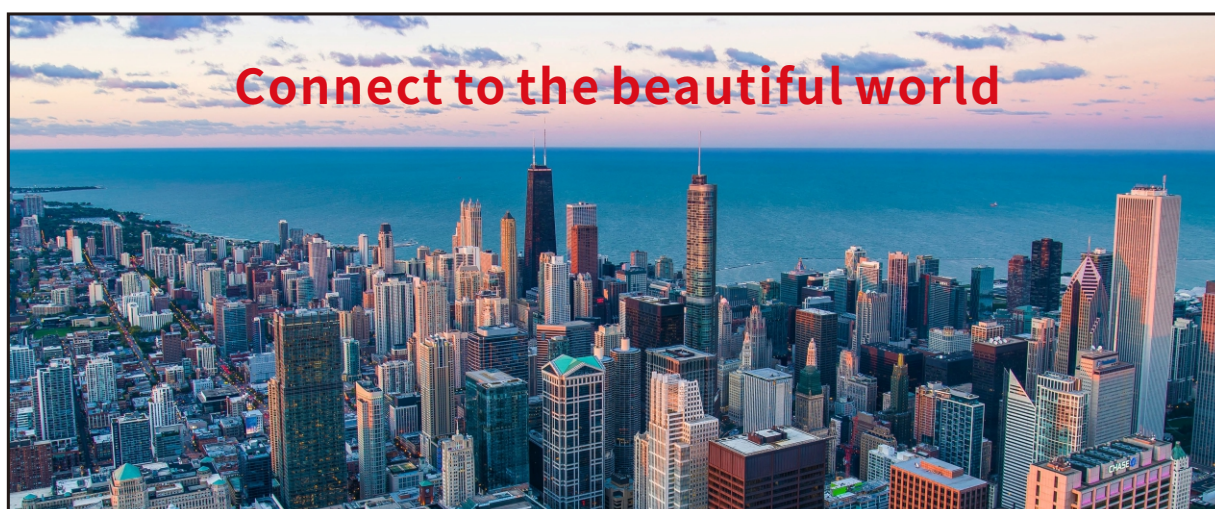
### 定时亮度调节

Auto switch the preset according to the time task setting



### Scrolling Text

Scrolling Text show on top of the layers ,edit by software, speeding /color /direction/size adjustable



## Specification

Model Type	
Model Type	spec
LED-F716	Standard Spec
LED-F716D	Standard Spec+DVI x2
LED-F716H	Standard Spec+extend 1 x HDMI2.0 and DP1.2 Input x 1
LED-F716S	Standard Spec+extend 1 x 3G SDI Input
LED-F716DS	Standard Spec+extend 2 x DVI Input and 1 x 3G SDI Input

Input Spec		
Port	Qty	resolution Details
HDMI2.0	1	3840X2160/60Hz and Can be customized
DVI	4	3840X1080/60Hz and Can be customized
3G SDI (Optional)	1	480i, 720P, 1080i/60Hz, 1080P/60Hz 3G SDI
DP1.2	1	7680X1080/60Hz, 3840X2160/60Hz and Can be customized
Genlock (In)	1	

Output Spec		
Port	Qty	resolution Details
Lan port (connect to receiving card)	16	Nomally, per port 0.65 million pixels,total 10.4 million. Max can carry 16 million pixle after bandwidth extended ,max width 8192, max height 3840. Can be customized.
HDMI LOOP	1	HDMI loop, copy the HDMI2.0 input
HDMI Monitor	1	monitoring the output,1920×1080/60Hz
OPT	2	10G
Genlock (Out)	1	

Contro interface		
Type	Qty	
USB	1	For pc software control
RJ45	2	For pc software control or Multiple unit cascade control
RS232	1	For RS232 control

Machine Spec	
Power	100-240V AC 50/60HZ
Power consumption	80W
Size (LxWxH)	482.6X421.3X44mm
Weight	7.6KG



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