

# G-304 LED display controller



## Video Input and output:

- (1) Input: 2x HDMI, 1x DVI-I (support HDMI, DVI-D, VGA, YPbPr), support up to 4k/2k @30 Hz or 2560x1600/3840x1080 @60Hz input, HDCP compliant.
- (2) Output:
  - 2x HDMI output
  - Two outputs can be with the same output signal or video wall split signals (one RH side and another LH side or Top/Bottom images)
  - Max. output resolution: 2048x1080

## Audio input and output

- (1) PC Audio-In Jack: PC audio can be combined into HDMI output signal.
- (2) HDMI embedded audio can be output through PC Audio-Out Jack

## Video wall function:

- Input signal can be split into several sections for user to build a large scale LED wall with high resolution signal source up to 15x15 modules.
- The split image section can be assigned to different display modules.
- User can ship the image position to build irregular video wall with LED display through [Overlap] adjustment up to 900 pixels in H&V directions.
- Multiple G-304 can cascade together to build large scale LED wall.
- Image aspect ratio adjustment up to +\_900 pixels in H&V directions.
- Image cropping and position shift max. up to +\_900 pixels at H&V directions.

## Image rotation:

Image 180 degrees top/down flip function separately in each output channel

## Output mode:

For P4 LED wall (104\*104 pixel module):

- (1) 4M x 3M : 832 x 624 pixels
- (2) 5M x 3M: 1040 x 624 pixels
- (3) 6M x 3M: 1248 x 624 pixels
- (4) 7M x 3M : 1456 x 624 pixels

(5) 8M x 3M : 1664 x 624 pixels)

(6) 6M x 4M : 1248 x 832 pixels)

For P10 LED wall (96x96 pixel module):

(1) 4M x 3M : 384 x 288 pixels)

(2) 5M x 3M :480 x 288 pixels)

(3) 6M x 3M :576 x 288 pixels)

(4) 7M x 3M :672 x 288 pixels)

(5) 8M x 3M :768 x 288 pixels)

(6) 6M x 4M :576 x 384 pixels)

**Features:**

(3) 3 input and two outputs for more flexible signal connection.

(4) Support any input timing up to 4k/2k @30Hz or 2560\*1600/3840\*1080 @60Hz.

(5) Decode HDMI 1.4 3D formats for RH/LH output or 2D display.

(6) Output selection to the above list timing

(7) High end video processor with 3D motion adaptive de-interlace.

(8) Assure full screen display in different resolution input source.

(9) Frame locked function to make sure full synchronization in the system even with multiple units.

**System Control:**

(1) Full function keypads on front panel

(2) IR remote controller

(3) IR extender up to 20 meters

(4) RS232 control

**Dimension and weight:**

303x155x36mm, 1.4kg