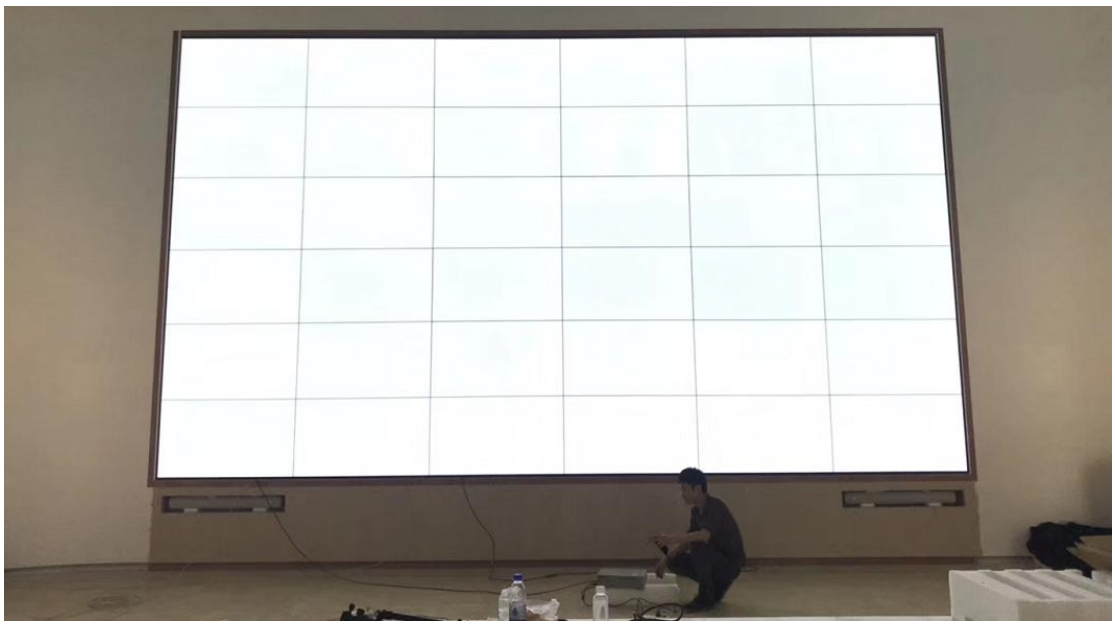

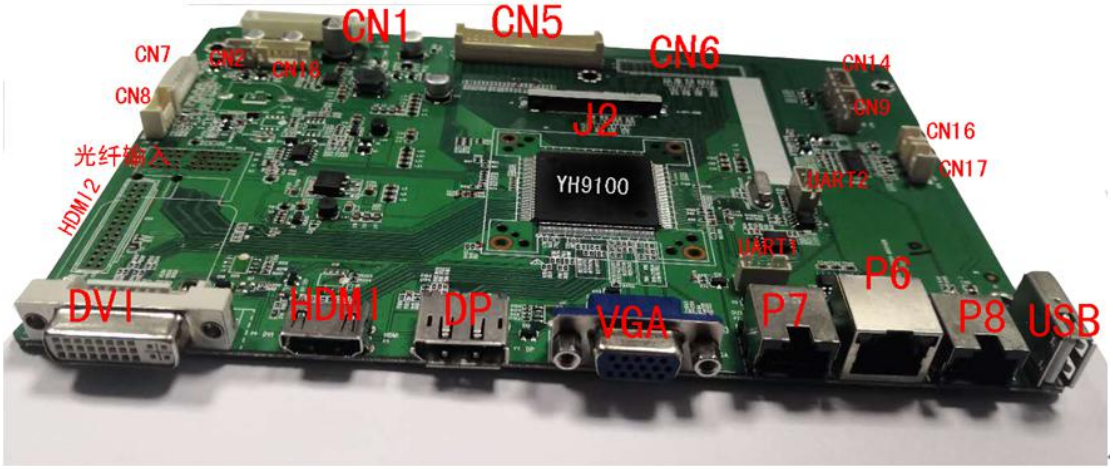

Product summary:

YH9100 is an economical motherboard which supports automatic white balance debugging and can effectively and automatically correct and handle the color difference between screens of splicing wall. This machine adopts professional monitor chip scheme and embeds "uniform wall system 2.0" software algorithm, which can realize automatic display data acquisition, gamut correction and color temperature adjustment for each LCD screen, and realize the color deviation index △ e (delta-e) of sRGB / Adobe RGB gamut for each screen < = 3; the color difference index (△ x, △ y, △ U) ≤ 5% in the central area between screens can be achieved. This machine is equipped with full digital signal interface, HDMI 2.0 interface and DP 1.2a SST interface, perfect and stable support 4K@60Hz Signal lossless decoding and display output, display more clearly; with DVI interface and VGA interface, support full HD 2K@60Hz Signal; support optional MPO optical fiber interface or side out HDMI 1.4 interface. Using professional SOC display chip, it has better color and picture quality performance than ordinary TV chip scheme, high reducibility, soft and delicate display, providing you with perfect real display effect.

Product features：

*Interface features

Ultra high speed 4K@60Hz Digital DP 1.2A SST interface, perfect support 4096x2160@60Hz and 3840x2160@60Hz Signal input and lossless decoding

Ultra high speed 4k@60Hz Digital HDMI 2.0 interface, perfect support 4096x2160@60Hz and 3840x2160@60Hz Signal input and lossless decoding

High definition 2K@60Hz Interface: DVI input * 1, VGA input * 1

High definition 4K@30Hz (or 2K@60Hz ） Interface: MPO optical fiber interface * 1 channel, or side HDMI 1.4A * 1 channel (optional)

Professional software maintenance interface USB2.0 makes software upgrade and maintenance convenient and fast.

The control port is controlled by RJ45 (2 in and 1 out) serial port, with the function of power supply indicator and flashing indicator for program operation.

***Picture quality features:**

The LCD splicing screen adopts uniform wall system 2.0 technology, perfectly supports sRGB and adobe RGB color gamut, and the color deviation index can achieve delta e ≤ 3%, with excellent color restoration

The LCD splicing screen adopts uniform wall system 2.0 technology, supports automatic white balance debugging, and the color temperature difference index of white field (△ x, △ y, △ U) ≤ 5%, which greatly improves the color temperature consistency between screens.

***Functional features:**

Multi channel mixed decoding and display of LCD splicing screen, supporting dual picture PIP and pop; supporting three picture PBP; supporting four picture PXP; independent interface signal for each picture.

The LCD splicing screen supports the rotation function of picture display, 90 ° , 180 ° and 270 ° rotation functions, and supports direct vertical screen splicing without peripheral equipment.

The LCD splicing screen supports the function of key lock mode to prevent customers from using the remote control to change the data of splicing wall by mistake and improve the safety

The LCD splicing screen supports the frame effect function, and can independently adjust the frame data in four directions: up, down, left and right, so as to effectively avoid the visual problems caused by the frame between screens

The LCD splicing screen has the function of starting up in groups. When the soft power is turned on, it will automatically start up in groups and delay starting up according to the number of splicing walls and the combination of rows and columns, so as to avoid excessive surge current

damaging the machine caused by multiple machines firing at the same time

The LCD splicing screen supports fan control, scene plan, scene rotation, custom scene and other splicing wall application technologies