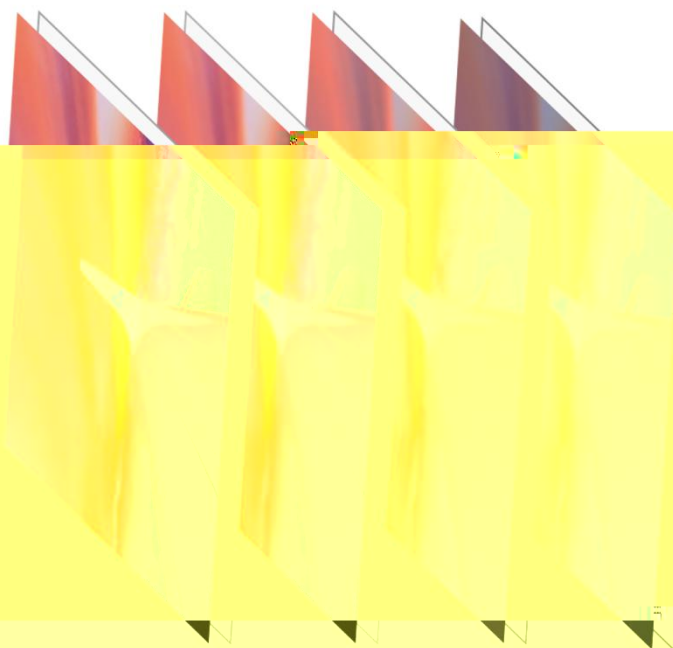


ES1.6

LED sending controller

Version: v1.4

Release Date: November 2021



TEL 400 159 0808

Web: www.kystar.com.cn

Beijing KYSTAR Technology Co., Ltd.

Professional Ultra HD Video Display

Summary

KYSTAR ES16 sending card is a master control card that supports large load. It has 18 GIGABit output network ports and supports the maximum resolution 4096*2160@60Hz or 7680*1080@60Hz, and the resolution can be customized, with a maximum width of 8000 pixels and a maximum height of 4000 pixels, meeting the configuration requirements of the ultra-large screen for small space applications, mainly used in rental and ultra-large screen fixed installation fields, such as concerts and stadiums.

Functional characteristics

- Supports a variety of digital signal interfaces, including 1 channel DP1.2, 1 channel HDMI2.0 and 4 channel DVI-D input sources.
- Support a maximum load of 10 million pixels.
- Support 18 gigabit network ports.
- Support HDMI2.0 loop out, loop out HDMI input or DP input.
- Support the maximum input resolution is 4096*2160@60Hz or 7680*1080@60Hz.
- Support viewing the input signal resolution and number of received cards on the LCD screen of the front panel.
- Support EDID management.
- Support one-click switch between 2D and 3D.
- Cascaded multiple devices for unified control.
- Support brightness and color temperature adjustment.
- Support low light and high gray.
- Support the Kystar Frame Synchronization (KFS) multi-server Frame Synchronization technology. Together with the Kommander server, Kystar Frame Synchronization (KFS) enables multiple servers to carry large screens of more than 16K point-to-point and ensure complete Frame Synchronization.
- Support SDR to HDR image optimization technology, which can improve the contrast of ordinary SDR videos, enhance the image details, so that ordinary videos have HDR effect.

Panel description



Serial number	Function description
①	Power switch
②	LCD display
③	Function switching area

Font

Annex: Equipment Dimension Map

