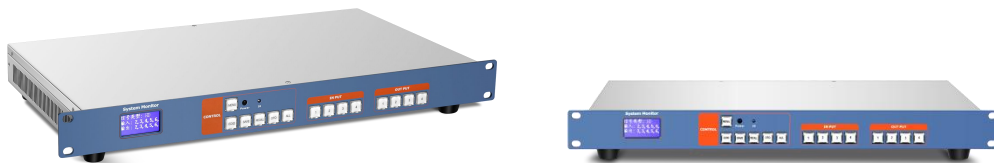# Yiviven

MUH0404
Data Sheet

Yiviven

Introduction

4K HDMI HD matrix is a new generation of HDMI matrix, supporting HDMI 1.4a standard, resolution up to 4K@30Hz, 1080@120Hz HDMI matrix.

This series contains 3 models, namely 4X4, 8X8, 16X16 HDMI fixed matrix, supporting audio and video synchronous switching, suitable for conference rooms, command centers, multimedia rooms and other application scenarios.

Functional Features

1. Full hardware architecture without CPU and operating system;
2. Modular design of all boards, support hot plugging, stable and reliable system;
3. Using 17GHz high bandwidth chip;
4. Support HDCP decryption, Blu-ray, 3D;
5. Support signal timing reforming, CEC, 36-bit true color technology;
6. Support HDMI 1.4a protocol version support: 4K x 2K@30Hz, 1080P@120Hz, 1080P 3D@60Hz and below resolution;
7. Visual button, through the button indicator can realize the visualization of the status of the input and output channels;
8. Radio-grade switching chip, image switching can be completed with a single chip, and the degree of integration is higher;
9. Support button, infrared remote control, RS232 serial port, TCP/IP and other control methods;
10. Support EDID adaptive function, better adapt to diversified display devices in the field,improve compatibility;
11. Long-line drive capability: input with automatic equalization, effectively reduce deterministic jitter caused by line transmission;
12. The output has a pre-emphasis function, so that the receiving end can still receive the signal after long-term transmission, using high-quality HDMI 2.0 version of the cable, the input and output distance can reach 25 meters;

13. Input support receive delay, effectively compensate for time when the differential pair line is of equal length;
14. Power down memory on-site protection function.
15. HDMI video matrix adopts external power supply and aviation spiral power interface to escort the stability of the power supply.

Packaging composition

Host x1
Power adapter x1
RS232 serial port line x1
IR remote control x1

Note: This machine is strictly packaged before leaving the factory, please confirm whether the ordered products and accessories are damaged, deformed or missing before using the product. In case of damage, non-conformity, or missing, contact the product supplier.