NEXIS

USER MANUAL

HDMI 16x1 Multi-viewer

SH-SW1601M

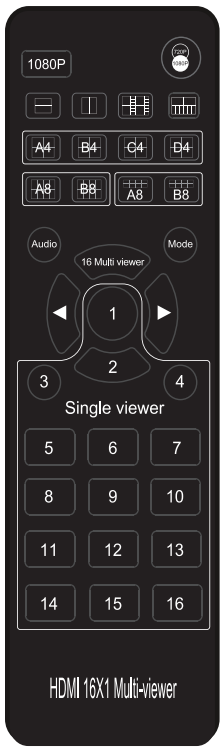
Enjoy the vivid world

Introduction

HDMI 16x1 Multi-viewer is a high performance with 16 HD screen segmentation and seamless switching output. It can display 16 HD digital video signal on the same screen, and has a variety of video segmentation, seamless switching 16 HD input signal synchronously. The control methods of the switch is flexible, it can be switched via button and IR control. It's a very practical and stable switch and easy to install, can be used in the major projects, meeting halls and other places.



The remote control:



1080P HDMI output resolution 1080P;

Output resolution switch;

Vertical dual image display mode ;

Paralleled dual image display mode;

4 big -12 small display mode;

2 big -6 small display mode;

Audio Audio switching; Mode Display mode switching;

16 Multi viewer 16 Image display mode;

Left & right switching input port

1 --- 16 Single image choosing signal input port

A4 B4 C4 D4

2×2 mode:
A4: Choosing 1-4 input port signal;
B4: Choosing 5-8 input port signal;
C4: Choosing 9-12 input port signal;
D4: Choosing 13-16 input port signal;

A8 B8

2x4 mode:
A8: Choosing 1-8 input port signal;
B8: Choosing 9-16 input port signal;

A8 B8

2x4 mode : （without stretcher strain）
A8: Choosing 1-8 input port signal;
B8: Choosing 9-16 input port signal;

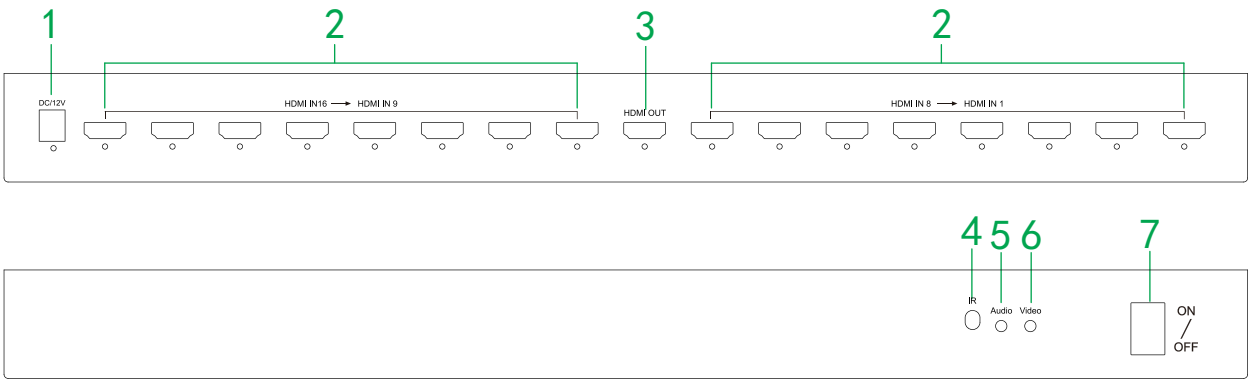
Features

* Support 16 HDMI inputs, one HDMI output;
* Support 16 HDMI signal screen segmentation;
* Support 16 HDMI signal seamless switching;
* Support IR remote control;

Specifications:

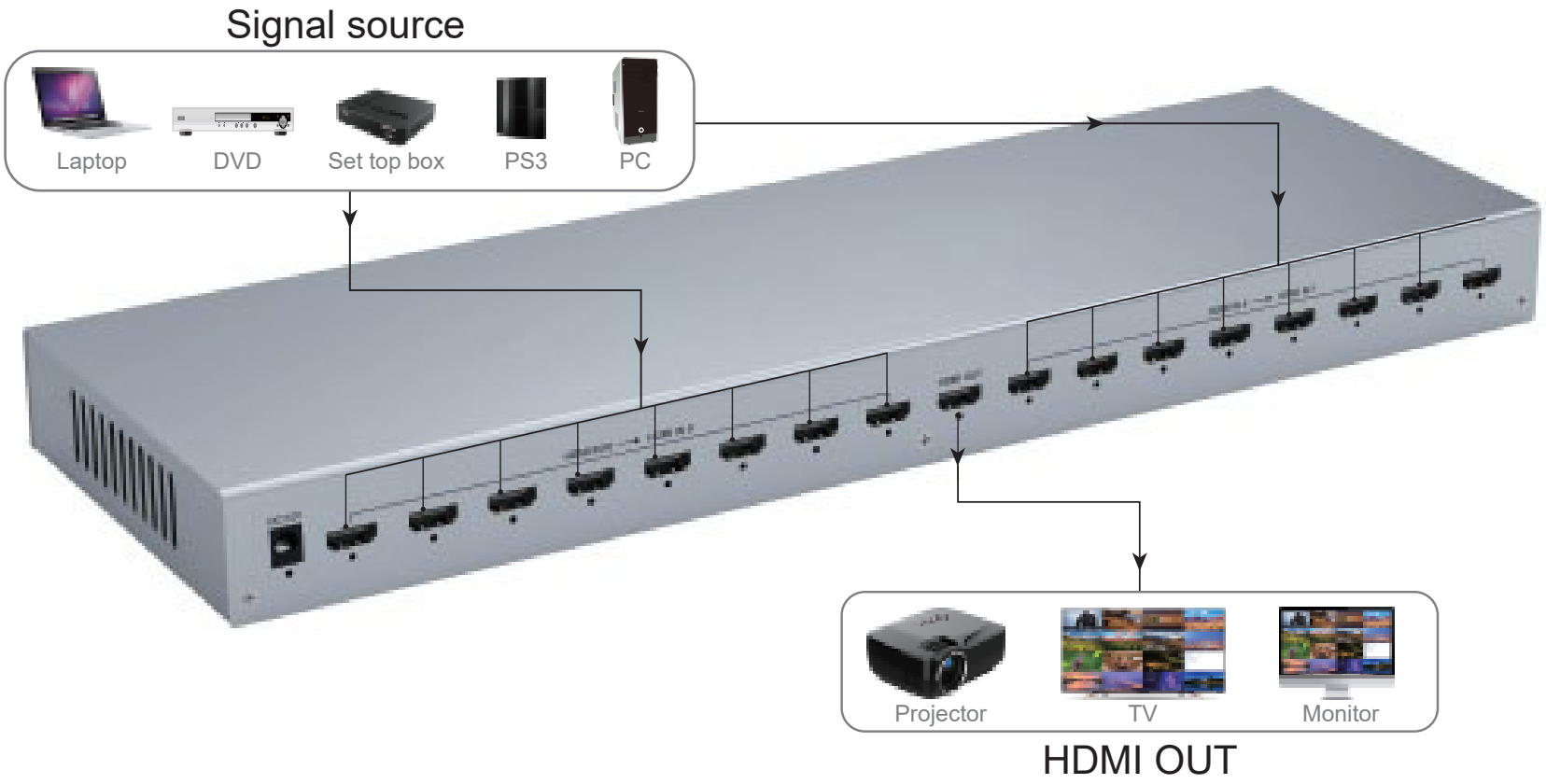
HDMI input resolution ……………………...….…...1080P,720P,1080i,1024x768,1360x768 etc
HDMI output resolution ……...….................................1080P@60Hz
Input and output cable distance ………………..…..….…... ≤15M AWG26 HDMI standard cable
Power adapter format .... Input: AC (50HZ, 60HZ) 100V-240V; Output: DC12V/2A
Operating Temperature range ……..........…………………………...……………… (-15℃ to +55℃)
Dimension (L x W x H) ....……………………………..………….… 460x150x40 (mm)
Weight …...……….……………………….......…………………….…..…………………….… 1683g

Function Interface Figure:



1：DC/12V --- DC/12V power interface
2：HDMI IN16 → HDMI IN1 ---Input interface
3：HDMI OUT --- Output interface
4：IR --- IR receive
5：Audio --- Audio mode switching
6：Video --- Video mode switching
7：ON/OFF --- Power switch

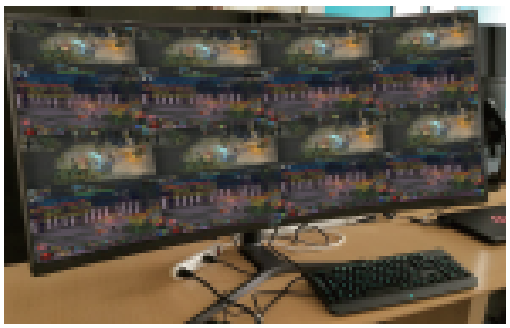
Connection diagram :



Operating steps:

Step 1 : Connecting HDMI OUT with displayer, HDMI input 1~16 with source;
Step 2 : Connecting power, and turn on the Multi-viewer .

Application :



Game

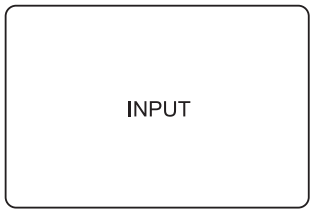


Security monitoring

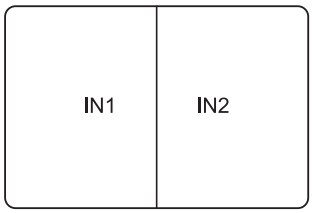


Pub

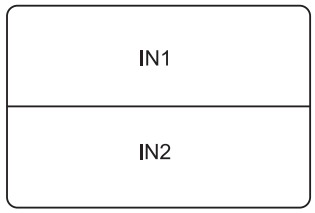
Common multi-viewer mode:



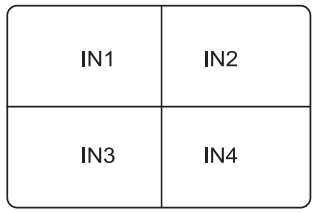
MODE1



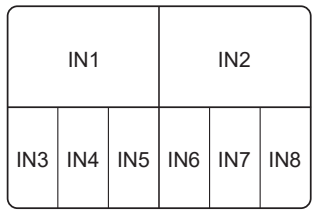
MODE2



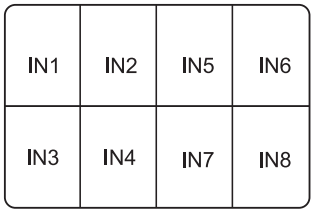
MODE3



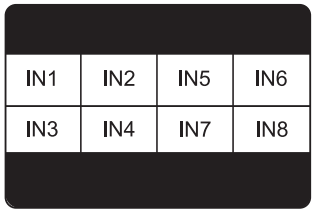
MODE4



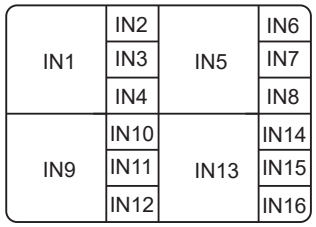
MODE5



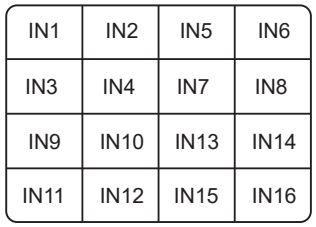
MODE6



MODE7



MODE8



MODE9

MODE1：Single image display mode（Channel 1-16 seamless switch）
MODE2&MODE3：Dual image display mode
MODE4：Quad display mode
MODE5：2 big -6 small display mode
MODE6：8 Image display mode
MODE7：8 Image display mode （without stretcher strain）
MODE8：4 big -12 small display mode
MODE9: 16 Image display mode

Package include :

1. 4k HDMI 16x1 multi-viewer 1PC
2. 12V/ 2A power adapter 1PC
3. Remote control 1PC
4. User manual 1PC