EMS iVu9+

Video Wall Controller

User Manual
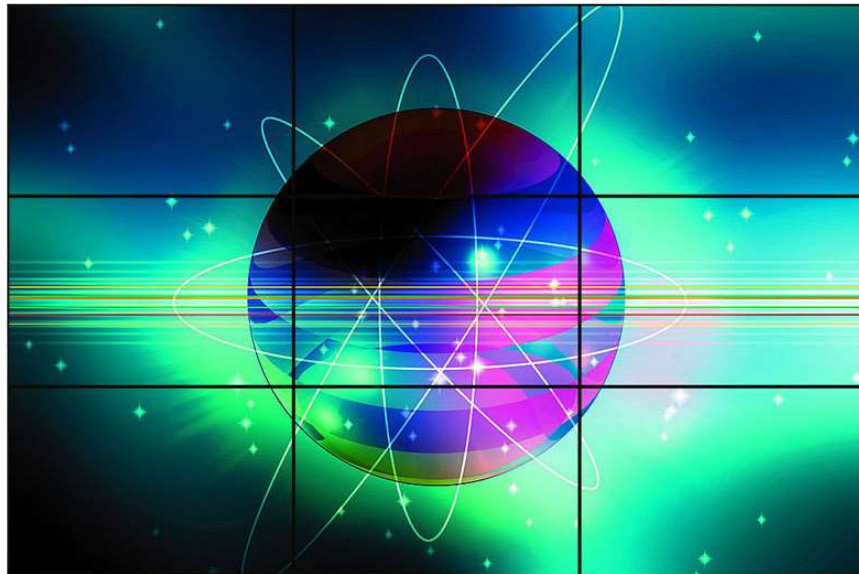
Catalog

1. Overview

The video wall controller is a plug and play processor, able to process and split the signal input, and distribute various formats of signal to multiple terminal displays, including LCD TV, monitor, DID, DLP, Plasma, etc..

It supports many types of input sources, HDMI, DVI, VGA, Composite video, video/audio/photo by USB stick. Each video with audio can be switched together. Output HDMI interface, supports resolution up to 1920x1080. The video wall controller operates by remote control, buttons and an RS232 serial port.

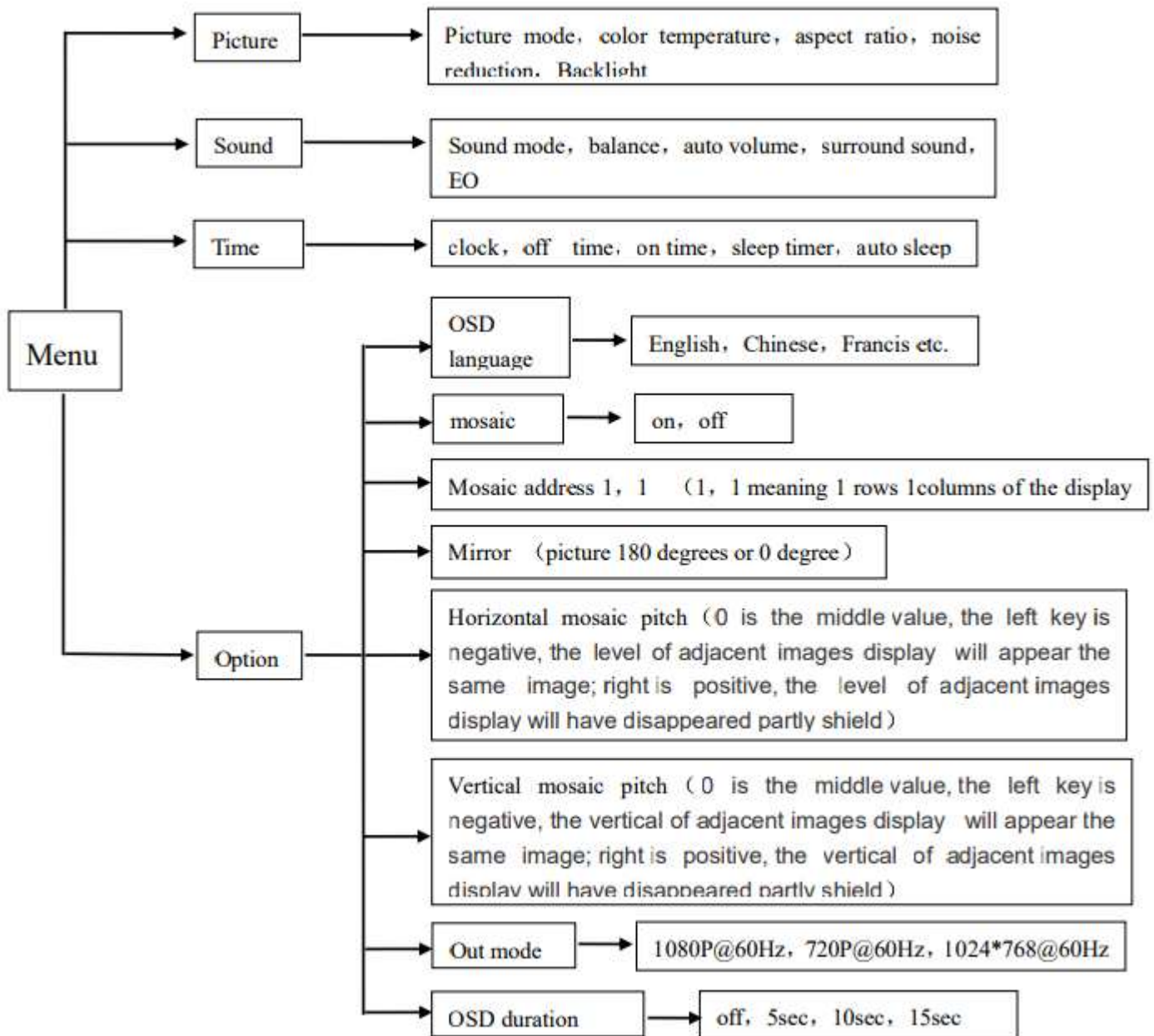| Item	Specification
HDMI input	
Interface	HDMI（support HDCP1.3 and DVI1.0）
Resolution	Up to 1920*1080@60Hz
Color	24bit,16.77M
DVI input	
Interface	DVI（support DVI1.0)
Resolution	Up to 1920*1080@60Hz
Color	24bit,16.77M
VGA input	
Interface	DB15
Resolution	800*600 to 1920*1080@60Hz
AV input	
Interface	RCA
Identification	Auto
Standard	PAL,NTSC
USB	
Video	RM, RMVB, AVI, WMV, MOV, MP4, FLV, MPG, DAT, MPEG and so on, with resolution up to 1080P
Audio	MP3, WMA, FLAC and so on
Picture	JPG, BMP, PNG
Text	TXT
Audio in	**Fit for VGA video**
Audio output	**Fit for output video**
HDMI output	**1024*768@60hz,720P@60Hz,1080P@60Hz**
Controller	Remote, button key, RS232 serial port
Power	Input：DC 12V3A
Dimension	350mm(L)x200mm(W)x70mm(H)
Weight	3.0KG

3. Features

1. Plug-and-Play
2. Multi input sources supported, Composite video, VGA, DVI, HDMI, USB driver
3. Supports 180° rotation each screen.
5. Easy operation with buttons and a remote controller.
6. DCP compliant: HDMI 1.3, HDCP protection

Note: HDMI output position is from left to right, from top to bottom

4. OSD Menu

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Menu ─┬─► Picture ──────► Picture mode, color temperature, aspect ratio, noise
      │                   reduction, Backlight
      │
      ├─► Sound ────────► Sound mode, balance, auto volume, surround sound,
      │                   EO
      │
      ├─► Time ─────────► clock, off time, on time, sleep timer, auto sleep
      │
      └─► Option ─┬─► OSD language ──► English, Chinese, Francis etc.
                  │
                  ├─► mosaic ──► on, off
                  │
                  ├─► Mosaic address 1, 1  (1, 1 meaning 1 rows 1columns of the display
                  │
                  ├─► Mirror  (picture 180 degrees or 0 degree)
                  │
                  ├─► Horizontal mosaic pitch (0 is the middle value, the left key is
                  │   negative, the level of adjacent images display will appear the
                  │   same image; right is positive, the level of adjacent images
                  │   display will have disappeared partly shield)
                  │
                  ├─► Vertical mosaic pitch (0 is the middle value, the left key is
                  │   negative, the vertical of adjacent images display will appear the
                  │   same image; right is positive, the vertical of adjacent images
                  │   display will have disappeared partly shield)
                  │
                  ├─► Out mode ──► 1080P@60Hz, 720P@60Hz, 1024*768@60Hz
                  │
                  └─► OSD duration ──► off, 5sec, 10sec, 15sec
```

5. Remote

Labels on the remote diagram:
- Splice/Single (PIC button)
- Volume − (VOL−)
- Volume + (VOL+)
- Menu (MENU)
- Source (INPUT)
- Source Quickly (PC, HDMI, AV buttons)
- Exit (EXIT)

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