Specifications of Video Wall Display

VW46

46"Video-Wall Display

Product Features

- LED backlight, brightness 700nits
- Full HD 1920X1080p resolutions
- Wide Viewing angles：178deg(H)/178deg(V)
- Slim Bezel width 1.8/1.8/3.2/3.2 mm
- RS-232 OSD control interface

VW46 is a specialized display used in video wall matrix. It can be place in either landscape or portrait mode to form a display matrix such as 1X2, 1X3, 1X4, 2X2, 2X3, 3X3… 4X4 video wall. With the features of super slim mechanical bezel width 0.5cm between adjacent displays, the viewer can enjoy watching a connected big frame of video contents or pictures standing at a distance within 1~2 meters. Industrial-grade display mechanical housing provides the sufficient structure rigidity for wall mount. The front panel IP65 function and built-in temperature monitoring function can allow the indoor or semi-outdoor applications.

Applications

Full HD video wall display has been widely implemented in government facilities, control center as well as surveillance systems for transportation monitoring, enterprises and multi-media presentation for hotels and department stores. Integrated with video splitters and input devices and video wall software, a very large video frame with crystal images can be achieved.

VW46 Specifications

Industrial LCD Panel	
Brightness	700 nits
Contrast	4000:1
Viewing Angle	178 degree/178 degree (H/V)
Response Time	6.5ms (Typ. Gray to Gray)
Color Depth	1.073 Billions
Resolution	1920X1080
Life Span	50000 Hours (Typ.)

Display Features	
Horizontal Frequency	30 ~ 82KHz
Vertical Frequency	56 ~ 75Hz
Input Frequency	1920X1080@60Hz (Analog & Digital)
Preset Video Mode	1920X1080, 1366X768, 1280X720, 1024x768, 800x600
OSD Control	OSD setting by remote controller
OSD Language	English / Chinese

Display I/O Ports	
Video input and output	VGA inX1, DVI inX1, HDMI inX1,
Audio input and output	Audio InputX1, Audio outputX1
Remote control interface	1* RS-232 Input

System Features	
Thermal dissipation	Forced Convection, noise<=30dB
Temperature sensing	Temperature Monitoring
Input source Sensing	Video Input Auto-Sensing
Remote sensing	Build-in IrDA remote control sensor
Speakers	Built-in 2* 10W Speaker

Power Supply	
AC power input	100-240VAC, 50-60Hz
Maximum power consumption	350W (Maximum)
Standby power consumption	2W at Standby Mode

Environment	
Operating Temperature	0°C to 50 °C
Storage Temperature	-20°C to 85°C
Operating Humidity	0-90% RH, non-condensing
Storage Humidity	0-90% RH, non-condensing

Dimension & Weight	
Dimensions	1023.7 (W) x 578.3 (H) x 95.2 (D) mm
Bezel width	1.8/1.8/3.2/3.2mm, 5mm between displays
System weight	28Kg
VESA mount	600mm x 400mm, 300mmX400mm (M6 screw holes X6)