

TECHNICAL SPECIFICATION

VIDEO	
Video Amplifier Bandwidth	3.2 Gbps
Input Video Signal	Video (TMDS) 0.5~1.0Vpp
Input DDC Signal	5 volts
Compliances	HDMI 1.4, HDCP
Pixel Rates	Clock frequency beyond 165Mpix/second
Format	4:4:4 and 4:2:2 data input formats
Resolution	480p, 720p, 1080i, 1080p
Input Card Format	4-port HDMI card
Output Card Format	4-port HDMI card
Input Slots	Up to 8 (1 card)
Output Slots	Up to 12 (3 cards)
Video Type	RGB/YCBCR : 24/30/36-bits, YCBCR: 8/10/12/16/20/24-bits
CONTROLS	
RS-232	DB9 Female, 115200 BPS, N, 8, 1, No flow control
TCP/IP	RJ45, UDP
OTHER	
Working Temperature	0°C~+55°C
Storage Humidity	Up to 95%
Weight	20 lbs
Dimensions	17 in (W) x 3.5 in (H) x 15 in (D)
Power Supply	50/60Hz, 100~230 VAC
Consumption	300W
SOFTWARE	
Operating System	Windows 7-10, Android 7 and above

WHAT'S IN THE BOX

PART NO.	Q-TY	DESCRIPTION
MXWALL-LP	1	8-Input 12-Output Video Wall Processor and Matrix Switch
CCPWRO6	1	Power supply cord
Quick Start Guide	1	

NOTICE

The information contained in this document is subject to change without notice. SmartAVI makes no warranty of any kind with regard to this material, including but not limited to, implied warranties of merchantability and fitness for particular purpose. SmartAVI will not be liable for errors contained herein or for incidental or consequential damages in connection with the furnishing, performance or use of this material.

No part of this document may be photocopied, reproduced, or translated into another language without prior written consent from SmartAVI Technologies, Inc.



800.AVI.2131, 702.800.0005
2455 W Cheyenne Ave, Suite 112
North Las Vegas, NV 89032

SmartAVI.com

Smart-AVI
SMART AUDIO VIDEO INNOVATION

MXWALL-LP

8-Input and Up to 12-Output Video Wall Processor and Matrix Switch



**ALL-IN-ONE VIDEO WALL
AND MATRIX SOLUTION WITH
1080P FULL HD
RESOLUTION OUTPUT,
INTEGRATED CONVERTER &
SCALER**

Quick Start Guide

ABOUT

The MXWall-LP is a video wall processor and matrix switch with up to 12 HDMI outputs. Compact, plug-and-play, and excellent for mid-sized video wall displays between 4-12 screens with resolutions up to 1080p (1920 x 1080 @ 60 Hz) Full HD.

The MXWall-LP is simple to control, outfitted with an easy-to-use front-panel touchscreen controller and optional RS-232 control. Better still, the MXWall-LP comes with SmartAVI's intuitive MXwall Manager software absolutely free! MXwall Manager software lets users manually create and adjust their ideal video wall displays using simple click-and-drag operations: it's fun and great for users of any technical skill level! The MXWall-LP also features TCP/IP web control and a tablet software manager that works over WiFi, giving users more options and greater flexibility in controlling their video wall.

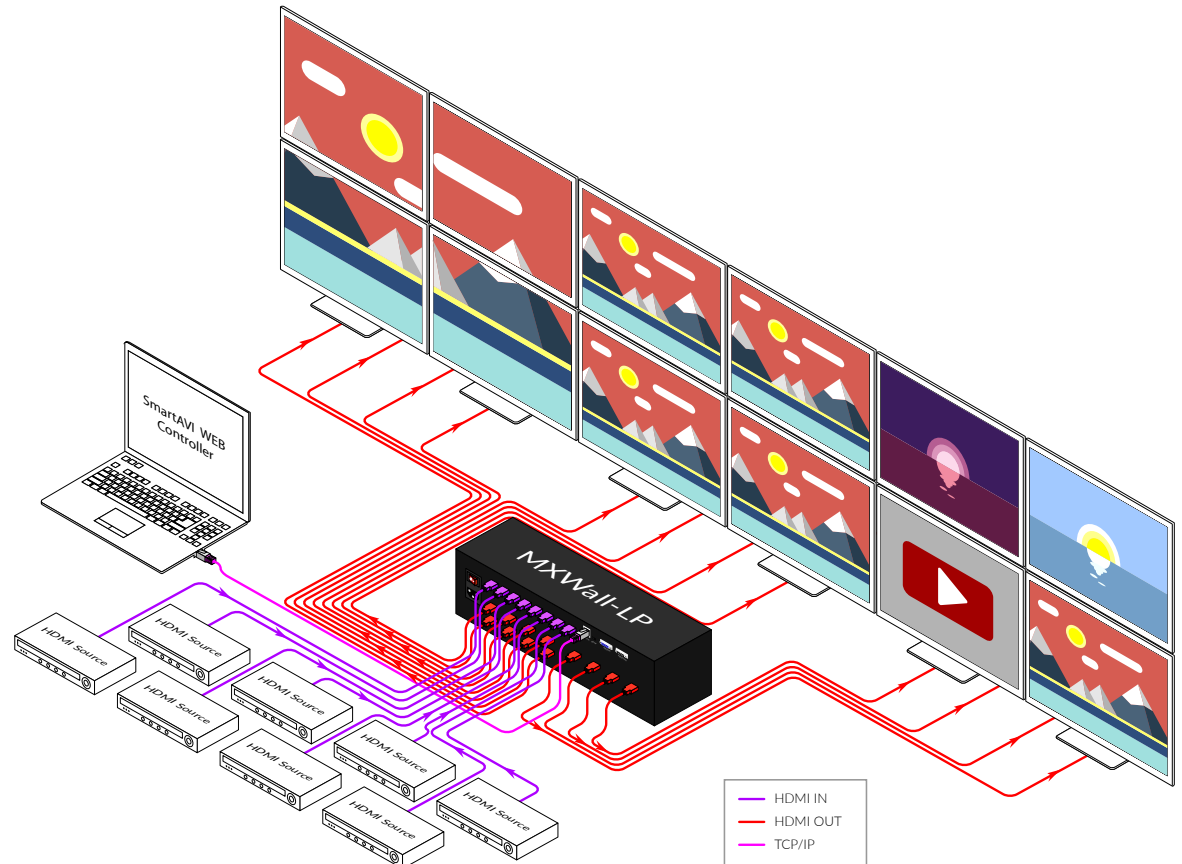
Its compact design and powerful processing power make the MXWall-LP the perfect solution for any video wall installation. Plug-and-play enabled, the MXWall-LP is immediately ready for use as soon as it is connected to an AV set-up: no additional drivers or installers are required. Better still, its exceptional hardware makes for stunning video wall displays in environments like retail spaces, educational facilities, conference rooms, command centers, event halls, entertainment venues, airports, and more!

FEATURES

- Complete hardware solution
- Plug-and-play ready
- 8 HDMI Inputs
- Up to 12 HDMI Outputs
- Supports DVI with adaptors
- 1080p (1920 x 1080 @ 60 Hz) Output Resolution
- Creative video wall display modes
- Easy control (front-panel, software, and RS-232)
- HDCP and HDMI 1.4 compliant
- User-Friendly MXwall Manager Software
- For 8x8, and 8x12 video wall setups

HARDWARE INSTALLATION

1. Position MXWall-LP conveniently and keep it unplugged.
2. Connect displays to the MXWall-LP and power on the displays.
3. Connect any video source to the MXWall-LP.
4. Optionally connect an RS-232 cable from a PC to the RS-232 port on the unit for additional control.
5. Optionally connect an Ethernet cable to the MXWall-LP for additional control.
6. Turn on the MXWall-LP and wait a few seconds for the unit to initialize.



MXWALL-LP FRONT



MXWALL-LP BACK

