TECHNICAL SPECIFICATIONS

VIDEO	
Format	HDMI 1.4
Input Interface	(4) HDMI
Output Interface	(4) HDMI
Resolution	480i, 480p, 720i, 720p, 1080i, 1080p
DDC	5 volts p-p (TTL)
Input Equalization	Automatic
Input Cable Length	Up to 20 ft.
Output Cable Length	Up to 20 ft.

AUDIO	
Output	(1) 3.5 mm Stereo Audio

POWER	
Power Requirements	12V DC, 3A power adapter with center-pin positive polarity

ENVIRONMENT	
Operating Temp	32° to 104° F (0° to 40° C)
Storage Temp	-4° to 140° F (-20° to 60° C)
Humidity	0-80% RH, non-condensing

CONTROL	
Front Panel	Push Buttons with LED indicators
RS-232	Via Serial @ 9600 bps
Hot Keys	Via Keyboard
Emulation	Keyboard, Mouse and Video
IP	Via Web Browser
IR	Via Remote Control

WHAT'S IN THE BOX

PART NO.	QTY	DESCRIPTION
QWALL-HD-S	1	4X4 HDMI Matrix & WALL System
PS12VD3A	1	12V DC, 3A power adapter with center-pin positive polarity.
SAVI-RMT	1	IR Remote Control
	1	Quick Start Guide

NOTICE

DESIGNED AND MADE IN THE USA

Toll Free: (800) AVI-2123
Phone: (702) 800-0005

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smartavi.com

Smart-AVI
SMART AUDIO VIDEO INNOVATION

QWALL-HD

4X4 HDMI Matrix & WALL System

4X4 HDMI VIDEOWALL PROCESSOR, POWERFUL, COMPACT AND EASY TO USE CAN BE CONTROLLED FROM ANYWHERE THROUGH WEB BROWSER
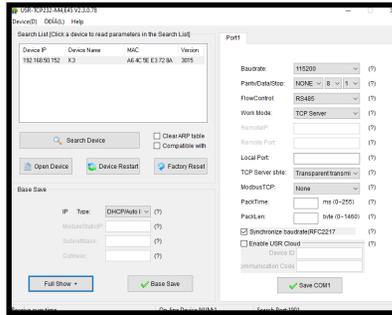
Quick Start Guide

A full Manual can be downloaded from www.smartavi.com/QWALL-HD/

SYSTEM CONTROL

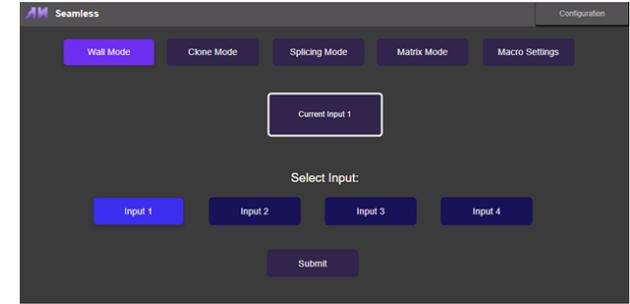There are four ways to control the QWALL-HD: RS-232 Serial Commands, Front Panel, IR and Web control.

The settings for the serial connection are as follows: Baud rate: **9600**; Data Bits: 8; Parity: **None**; Stop Bits: **1**; Flow Control: **None**.

Command	RS-232	IR
Set Input '#' to Wall Mode	//I#W	IN -> # -> WALL -> OK
Set Input '#' to Clone Mode	//I#C	IN -> # -> CLONE -> OK
Set Input '#' to quickly set up matrix array of all 4 inputs, with 'X' on Output 1	//I#M	IN -> # -> QUAD -> OK
Set Input '#' to Output 1	//I#O1	IN -> # -> OUT -> 1 -> OK
Set Input '#' to Output 2	//I#O2	IN -> # -> OUT -> 2 -> OK
Set Input '#' to Output 3	//I#O3	IN -> # -> OUT -> 3 -> OK
Set Input '#' to Output 4	//I#O4	IN -> # -> OUT -> 4 -> OK
Set Input '#' to do 1x2 splicing on Output 1 + 2	//I#S1212	IN -> # -> F1 -> OK
Set Input '#' to do 1x2 splicing on Output 3 + 4	//I#S1234	IN -> # -> F1 -> F1 -> OK
Set Input '#' to do 2x1 splicing on Output 1 + 3	//I#S2113	IN -> # -> F2 -> OK
Set Input '#' to do 2x1 splicing on Output 2 + 4	//I#S2124	IN -> # -> F2 -> F2 -> OK
Set Input '#' to do 1x4 splicing	//I#S13	IN -> # -> F3 -> OK
Set Input '#' to do 4x1 splicing	//I#S31	IN -> # -> F4 -> OK

WEB UI / IP CONTROL

The IP address of the device can be found by using our provided application IPFinder2. The default username and password to access the webpage is:

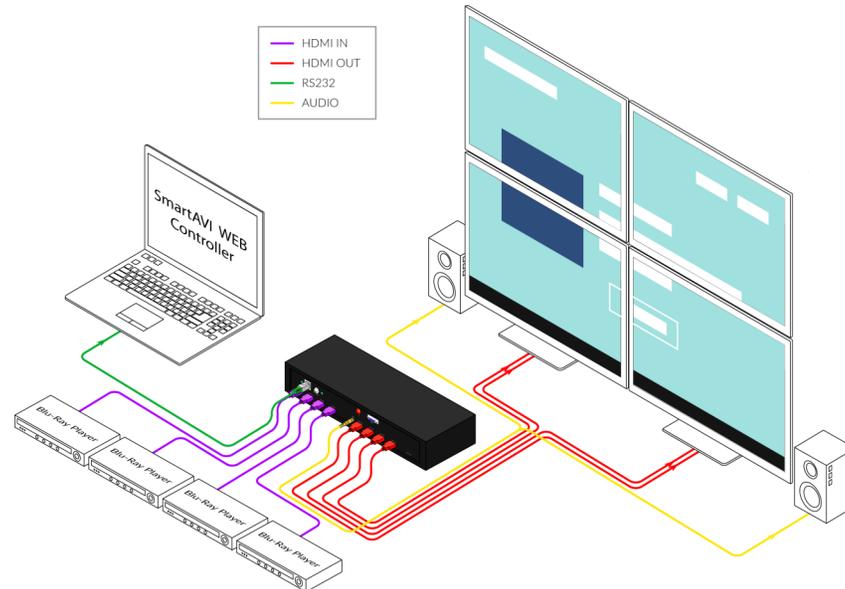Username: **admin**
Password: **admin**

HARDWARE INSTALLATION

1. Make sure QWALL-HD is turned off.
2. Connect up to 4 HDMI inputs (i.e. PC, Blu-Ray Player, Digital Signage, etc.) to the HDMI INPUT ports of Seamless using HDMI cables.
3. Connect up to 4 HDTVs to the HDMI OUTPUT ports of Seamless using HDMI cables or HDMI-to-DVI adapters for DVI displays.
4. Connect a cat5/cat6 cable to the RJ45 connector for web controller.
5. Optionally connect an RS232 cable from PC to the RS-232 port of the unit for additional control.
6. Turn on Seamless
7. Wait for the unit to initialize. This should take less than a minute.

Note:
1. Both source and display devices must be powered on for LED indicators to detect device connection.
2. Ensure power supplied are disconnected from all devices before installation.