

Wall Series - Wall40



Powerful , Designed to Work 24/7 Videowall Controller

- Supports 10 module
- Each output module supports up to 4 output channel
- Each input module supports up to 4 input channel
- Up to 16 x 4K@60Hz HDMI / DP Output
- or
- Up to 36 x 4K@30 Hz Mini HDMI Input
- Videowall HTTP Stream Feature

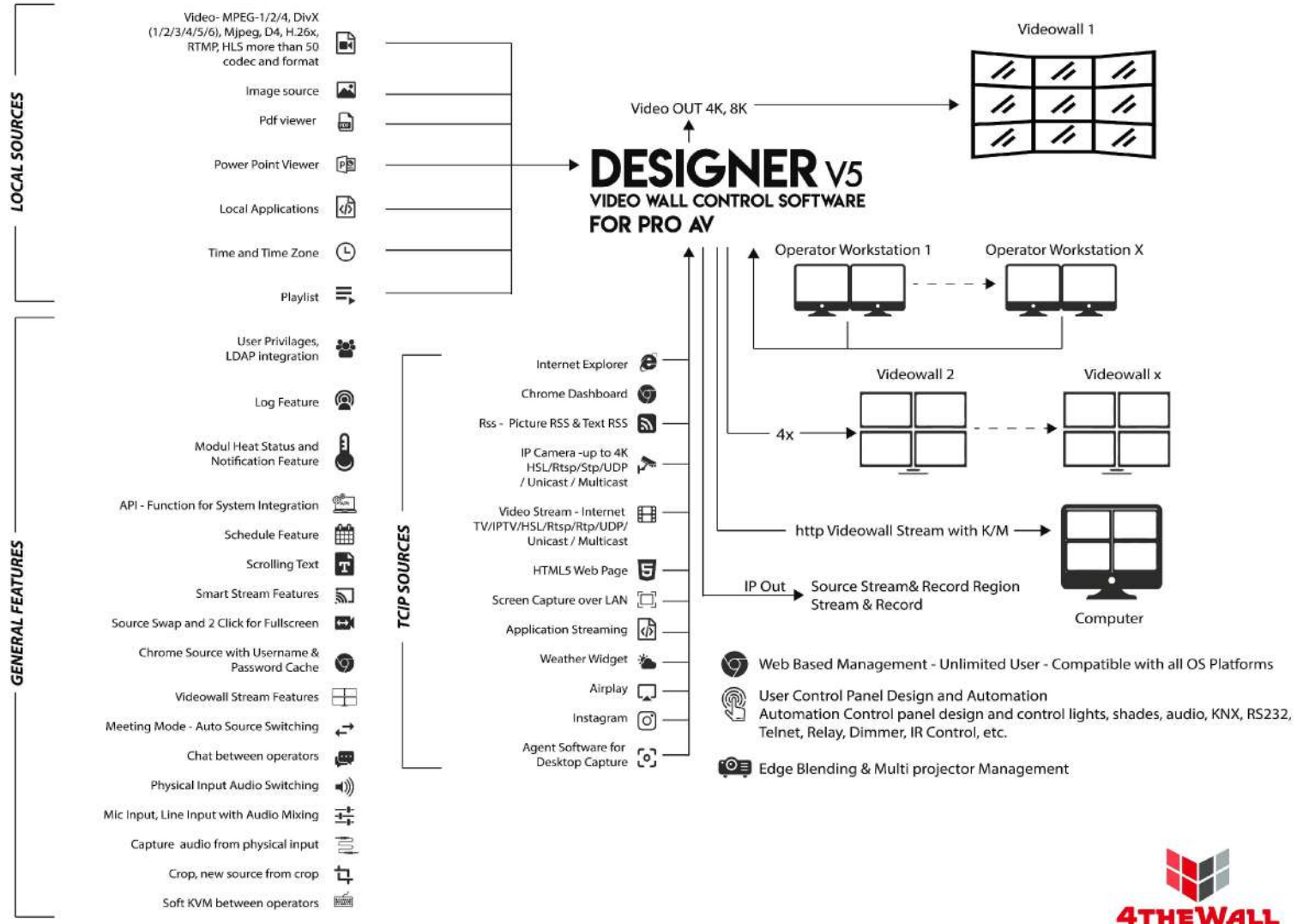
Easy to use video wall controller, has strong features with Designer V5 software and supports 4K inputs and outputs

Wall40 can be used for command control centers, monitoring centers, meeting rooms and designed to work 24/7

Automation control protocols such as KNX, Dali, RS232, DMX512 etc. Unlimited scenarios can be designed with CPanel automation design software

Features

- Intel i7 7700 3.6 GHz Quad Core CPU (Optional Xeon CPU)
- Up to 16 x 4K Output - (8x8) 64 x 1080p display support or
- Up to 36 x 4K Mini HDMI input support or
- 450 x SD hardware H.264 hardware decoding or
- 144 x 1080p@30fps H.264 hardware decoding or
- 72 x 1080p60fps H.264 hardware decoding or
- 36 x 4K@30fps H.264 hardware decoding or
- 18 x 4K@60fps H.264 hardware decoding
- 16 x 1080p@30fps software H.264/H.265 decoding
- 16 x Chrome web page monitoring
- Automation control unit - Ethernet input and output , RS232 input and output
- Hot-Swap Redundant Power Supply (optional)



Hardware	
CPU	Intel i7 7700 3.6 GHz Quad Core CPU (Optional Xeon CPU)
RAM	16 GB DDR4 - optional 64 GB DDR4
Hard Disk	240GB SSD Hard Disk - optional 500GB/ 1 TB SSD
Operating System	Windows 10 Pro- optional Windows 10 LTSC
Network Connection	
Ethernet	2x IP 1Gbit
IP Address Features	DHCP and Static
General Features	
Power Supply	100 - 240V, 50-60Hz, 10-5 Amp
Working Temperature	0°C~40°C / 32°F~104°F
Working Humidity Range	20~90% RH (no condensation)
Storage Temperature	-20°C~70°C / -4°F~158°F
ESD Protection	±8kV (air-gap discharge) ±4kV (contact discharge)
Dimension	482mm ×452 mm × 178mm - W/D/H
Weight	26kg
Power Value	Hot-Swap 600W or 950W Redundant Power Supply
Mounting	Rack Cabinet
Certification	
EU/USA	CE
Package Details	
Dimension (packaged)	522mm x 584mm x 178mm - W/D/H
Weight (packaged)	28kg
Package Content	1x Wall40 Chassis, Mini HDMI(E) to HDMI(E) Cable, HDMI(D) to HDMI(D) Convertor, Power Cable, User Manual

	Wall40
Input	Up to 36 x 4K@30 Hz - Mini HDMI (Type-C) 4096x2160 @ 60Hz 4096x2160 @ 30Hz 3840x2160 @ 60Hz 3840x2160 @ 30Hz
Output	Up to 16x 4K@60Hz Output - 16 x DP or 16 x HDMI 16x 5120x3200@60Hz (DP 1.4) 16x 4096x2160@60Hz (HDMI)
H.264 Hardware Decoding	18 x 4K @ 60Hz or 36 x 4K @ 30Hz or 72 x 1080p @ 60 Hz or 144 x 1080p @ 30 Hz or 450 x SD Resolution
Codec	H.264/MPEG-4 Part 10 (AVC), Up to Level 5.2
H.264 Profile	Main Profile (BP), Main Profile (MP), High Profile (HiP), High Profile 10 (Hi10P), High Profile 4:2:2 (Hi422P), High Profile 4:4:4 (Hi444PP)
H.264 Encoding RTSP Multicast and Unicast	18 x 4K @ 60Hz or 36 x 4K @ 30Hz or 72 x 1080p @ 60 Hz or 144 x 1080p @ 30 Hz or 450 x SD Resolution
Encoder/Decoder Data Rate	100 Kbps - 500 Mbps CABAC, 100 Kbps - 800 Mbps CAVLC
Bandwidth Control	Constant Bitrate (CBR), Variable Bitrate (VBR)