

Wall Series - Wall8

Powerful, Designed to Work 24/7 Videowall Controller



- Supports 4 module
- Each output module supports up to 4 output channel
- Each input module supports up to 4 input channel
- Up to 8 x 4K@60Hz HDMI / DP Output

or

- Up to 8 x 4K@30 Hz Mini HDMI Input
- Videowall HTTP Stream Feature
- Automatic Switching - Meeting Mode
- Remote Control (optional) Tablet/IR)

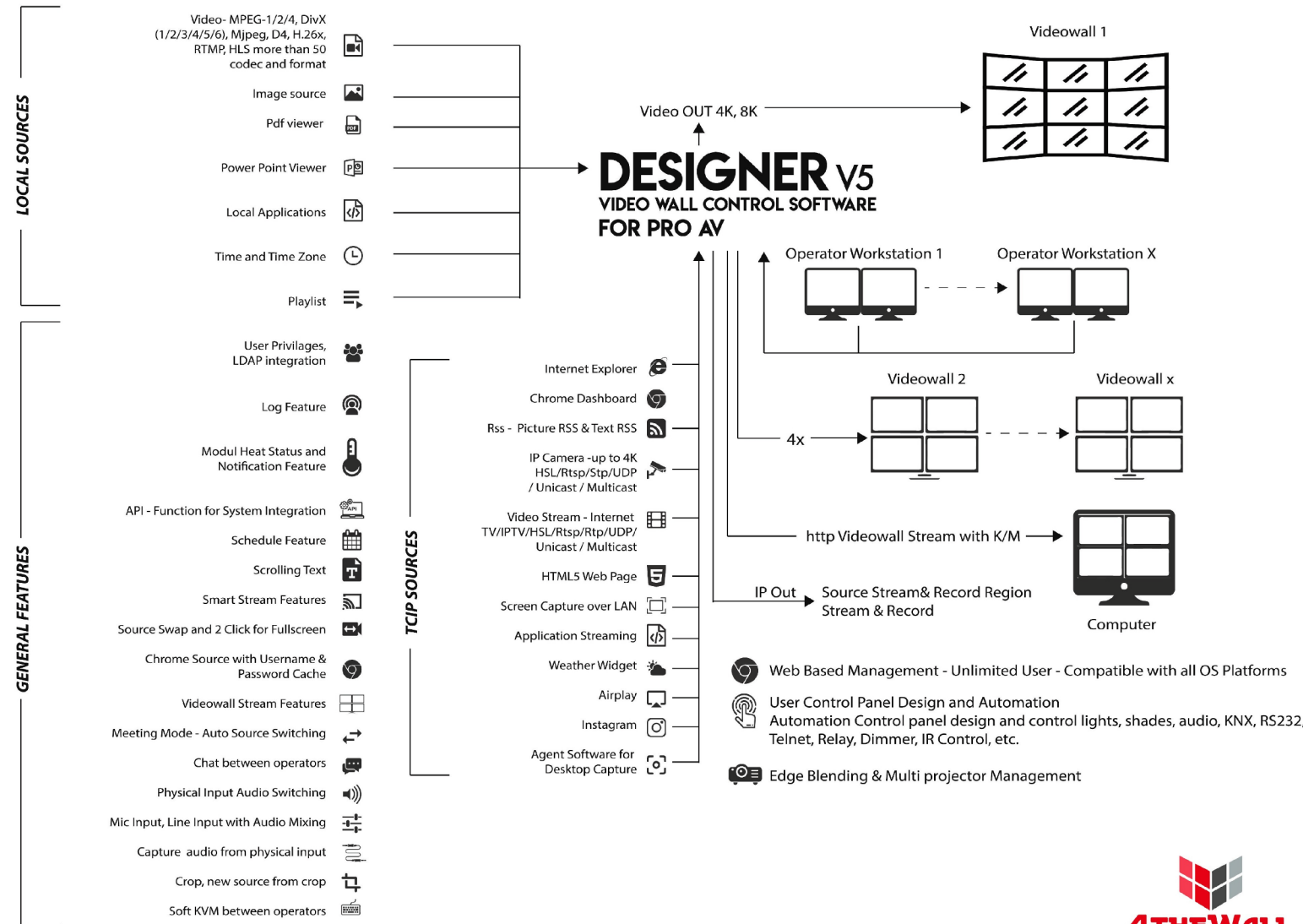
Easy to use video wall controller, has strong features with Designer V5 software and supports 4K inputs and outputs

Wall8 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 i9 3 GHz Quad Core CPU
- Up to 8 x 4K Output - (8x4) 32 x 1080p display support or
- Up to 4 x 4K Mini HDMI input support or
- Up to 100 x SD hardware H.264 hardware decoding or
- Up to 32 x 1080p@30fps H.264 hardware decoding or
- Up to 16 x 1080p60fps H.264 hardware decoding or
- Up to 8 x 4K@30fps H.264 hardware decoding or
- Up to 4 x 4K@60fps H.264 hardware decoding
- Up to 16 x 1080p@30fps software H.264/H.265 decoding
- Up to 16 x Chrome web page monitoring
- Automation control unit - Ethernet input and output, RS232 input and output
- Hot-Swap Redundant Power Supply (optional)



Product Specification

Wall8

Hardware				
CPU	Intel i9 Quad core 3.6GHz CPU - optional 4.0GHz			
RAM	16 GB DDR4 - optional 32 GB DDR4			
Hard Disk	240GB SSD Hard Disk - optional 500GB SSD Optional Raid 1/5/10 Code:R			
Operating System	Windows 10 Pro			
Network Connection				
Ethernet	2x IP 1Gbit and Wireless			
IP Address Feature	DHCP and Static			
General Features				
Power Supply	100 - 240V, 50-60Hz, 10-5 Amp			
Working Temperature	0°C~50°C			
Working Humidity Range	20~80% RH (no condensation)			
Storage Temperature	-20°C~60°C			
ESD Protection	±8kV (air-gap discharge) ±4kV (contact discharge)			
Dimensions	482mm ×452 mm × 178mm - W/D/H			
Weight	23 kg			
Power Value	500W (600 or 15500W optional) Hot-Swap 600W or 1550W Redundant Power Supply (optional code:R)			
Mounting	Rack Cabinet			
Certification				
EU/USA	CE and ROHS DoC			
Package Details				
Dimension (packaged)	482mm x 452mm x 178mm - W/D/H			
Weight (packaged)	25 kg			
Package Content	1x Wall8 Chassis, Mini HDMI(E) to HDMI(E) Cable, HDMI(D) to HDMI(D) Convertor, Power Cable , User Manual			
	Wall8/0408ID	Wall8/0804ID	Wall8/0808MD	Wall8/0404MD
Input	4 x 4K@30 Hz - Mini HDMI (Type-C) 4096x2160 @ 60Hz 4096x2160 @ 30Hz 3840x2160 @ 60Hz 3840x2160 @ 30Hz	8 x 4K@30 Hz - Mini HDMI (Type-C) 4096x2160 @ 60Hz 4096x2160 @ 30Hz 3840x2160 @ 60Hz 3840x2160 @ 30Hz	8x1920x1080@60Hz HDMI	4x1920x1080@60 HDMI
Output	8x 4K@60Hz Output - 8 x DP or 8 x HDMI 5120x3200@60Hz (DP 1.4) 4096x2160@60Hz (HDMI)	4 x 4K@60Hz Output - 4 x DP or 4 x HDMI 5120x3200@60Hz (DP 1.4) 4096x2160@60Hz (HDMI)	8 x 4K@60Hz Output 8 x DP or HDMI 5120x3200@60Hz (DP 1.4) 4096x2160@60Hz (HDMI)	4x 4K@60Hz Output 4 x DP or HDMI 5120x3200@60Hz (DP 1.4) 4096x2160@60Hz (HDMI)
H.264 Hardware Decoding	2 x 4K @ 60Hz or 4 x 4K @ 30Hz or 8 x 1080p @ 60 Hz or 16 x 1080p @ 30 Hz or 50 x SD Resolution	4 x 4K @ 60Hz or 8 x 4K @ 30Hz or 16 x 1080p @ 60 Hz or 32 x 1080p @ 30 Hz or 100 x SD Resolution	N/A	N/A
Codec	H.264/MPEG-4 Part 10 (AVC), Up to Level 5.2	H.264/MPEG-4 Part 10 (AVC), Up to Level 5.2	N/A	N/A
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)	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)	N/A	N/A
H.264 Encoding RTSP Multicast and Unicast	2 x 4K @ 60Hz or 4 x 4K @ 30Hz or 8 x 1080p @ 60 Hz or 16 x 1080p @ 30 Hz or 50 x SD Resolution	4 x 4K @ 60Hz or 8 x 4K @ 30Hz or 16 x 1080p @ 60 Hz or 32 x 1080p @ 30 Hz or 100 x SD Resolution	N/A	N/A
Encoder/Decoder Data Rate	100 Kbps - 500 Mbps CABAC, 100 Kbps - 800 Mbps CAVLC	100 Kbps - 500 Mbps CABAC, 100 Kbps - 800 Mbps CAVLC	N/A	N/A
Bandwidth Control	Constant Bitrate (CBR), Variable Bitrate	Constant Bitrate (CBR), Variable Bitrate	N/A	N/A

Only valid for I series