

Wall Series-WallD4



Powerful , Designed to Work 24/7 Videowall IP Controller

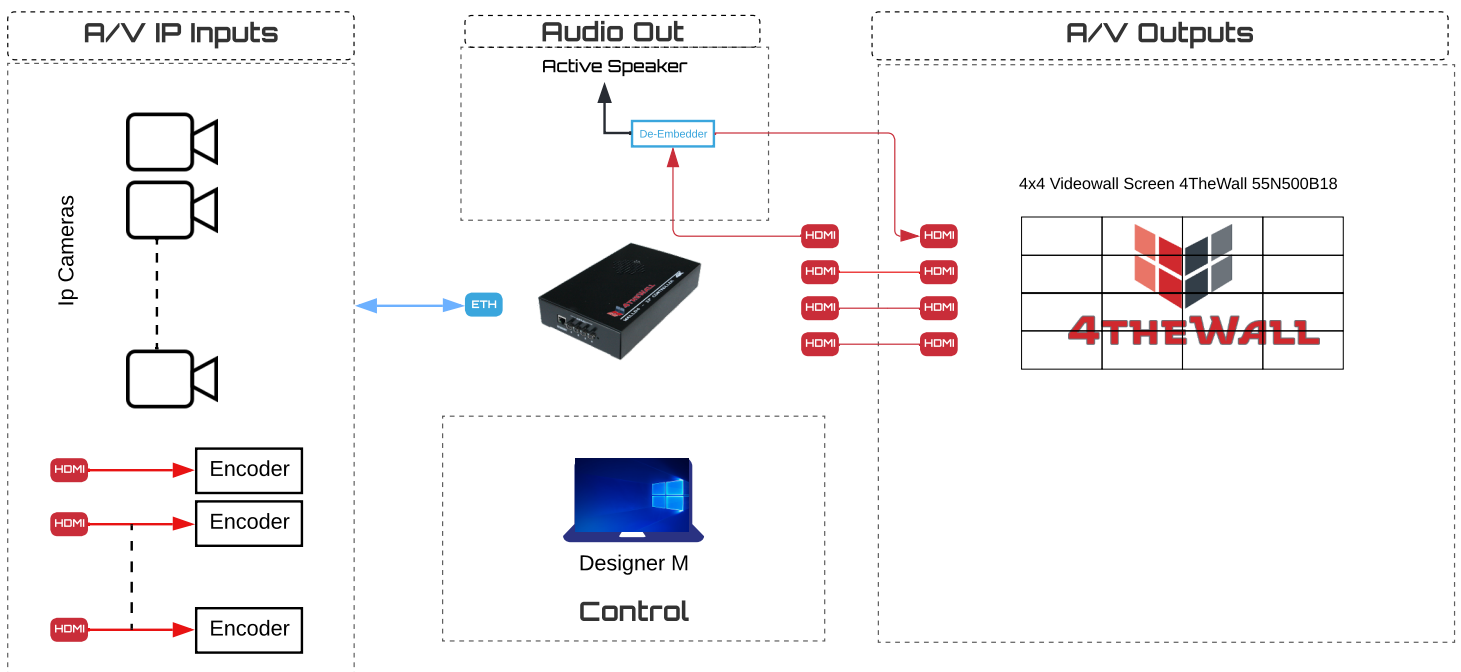
- Supports 4 output channel
- Each output channel supports up to 4K@30
- Up to 4 x 4K@30Hz Mini DP Output

Easy to use IP video wall controller, has strong features with Designer M5 software and supports 4K outputs

WallD4 can be used for command control centers, monitoring centers, meeting rooms and designed to work 24/7

Features

- 1/2 1U Rack mount
- Up to 4 x 4K Output - (4x4) 16 x 1080p display support or
- 40 x SD hardware H.264 hardware decoding or
- 16 x 1080p@30fps H.264 hardware decoding or
- 8 x 1080p60fps H.264 hardware decoding or
- 4 x 4K@30fps H.264 hardware decoding or
- 2 x 4K@60fps H.264 hardware decoding
- Ethernet input
- Hot-swap Redundant Power Supply (optional Seperate Hardware)



Product Specification**WallD4**

Hardware	
Connectors	4 x Mini Display Port, RJ45 Network
Memory	8 GB (34G/sec)
Network Connection	
Ethernet	Ethernet 10/100/1000 Base-T, Auto-Detect, Half/Full-Duplex
IP Features	IPV4/V6, Unicast, Multicast, Multiple Unicast DHCP and Static
Streaming and Control Protocols	
Streaming Protocols	SRT, RTP, RTSP, MPEG2-TS, RTMP
Control Protocols	Telnet and HTTP/HTTPS
Color Space	
Pixel Transfer Formats	RGB: 8:8:8, 10:10:10 (24/32 bits per pixel), YUV: 4:4:4, 4:2:2, 4:2:0 (8/10 bits per component), MONO: (8/10 bits per pixel), Color Space Conversion Support
Video & Audio Processing	
Video Scaling	Matrox Advanced MultiTap Video Scaling Engine for 4K to SD multi-channel downscaling and SD to 4K multi-channel upscaling
Video Deinterlacing	Adaptive Deinterlacer and Antialiasing Technology
Video Compositing	Multi-Channel Video Composite/Key/Blend/Crop/Mirror/Flip
Audio Format	AAC, PCM, Stereo and Mono
Audio Sampling Rate	Between 32 KHz and 96 KHz
Video Decoding	
Codec Engine	H.264/MPEG-4 Part 10 (AVC), Up to Level 5.2
H.264 Profiles	Baseline profile (BP), Main Profile (MP), High Profile (HiP), High 10 Profile (Hi10P), High 4:2:2 Profile (Hi422P), High 4:4:4 Predictive Profile Separate Plane (Hi444PP)
H.264 Decode	Two 3840x2160 @60Hz, four 3840x2160 @30Hz, eight 1920x1080 @60Hz, sixteen 1920x1080 @30Hz, numerous SD IP channels
Decoder Bitrates	100 Kbps to 500 Mbps CABAC, 100 Kbps to 800 Mbps CAVLC
Rate Control	Constant Bitrate (CBR), Variable Bitrate (VBR), VBR with Constraints, Configurable GOP (Group Of Pictures) Structure
General Features	
Power Supply	12V / 5A
Working Temperature	0°C~45°C
Working Humidity Range	10~90% RH (no condensation)
Storage Temperature	-20°C~70°C
ESD Protection	±8kV (air-gap discharge) ±4kV (contact discharge)
Mounting	Half 1U Rack Cabinet
Certification	
EU/USA	CE
Package Details	
Package Content	1x WallD4 Chassis, Power Cable, 1x User Manual
Standart Warranty	2 Years
Software	Designer M5 Software