



DS6000
MULTI-SCREEN
VIDEO WALL
CONTROLLER

DS-4H9H



pioneer in AV design

KEY FEATURES

Real-time Visibility with Spontaneous and Stable operation is the key feature of our Multi-screen video wall controller

Multi-Video Wall support

Virus-free due to FPGA technology & User-friendly.

PIP & POP, Scalable

Auto source detection 4K input capture

Preset Scheduling with Multiple layout

Redundant, Hot-swappable graphic card Fan & Power supply.

24/7 support & Advance Role Management



ADVANCE CHARACTERISTICS



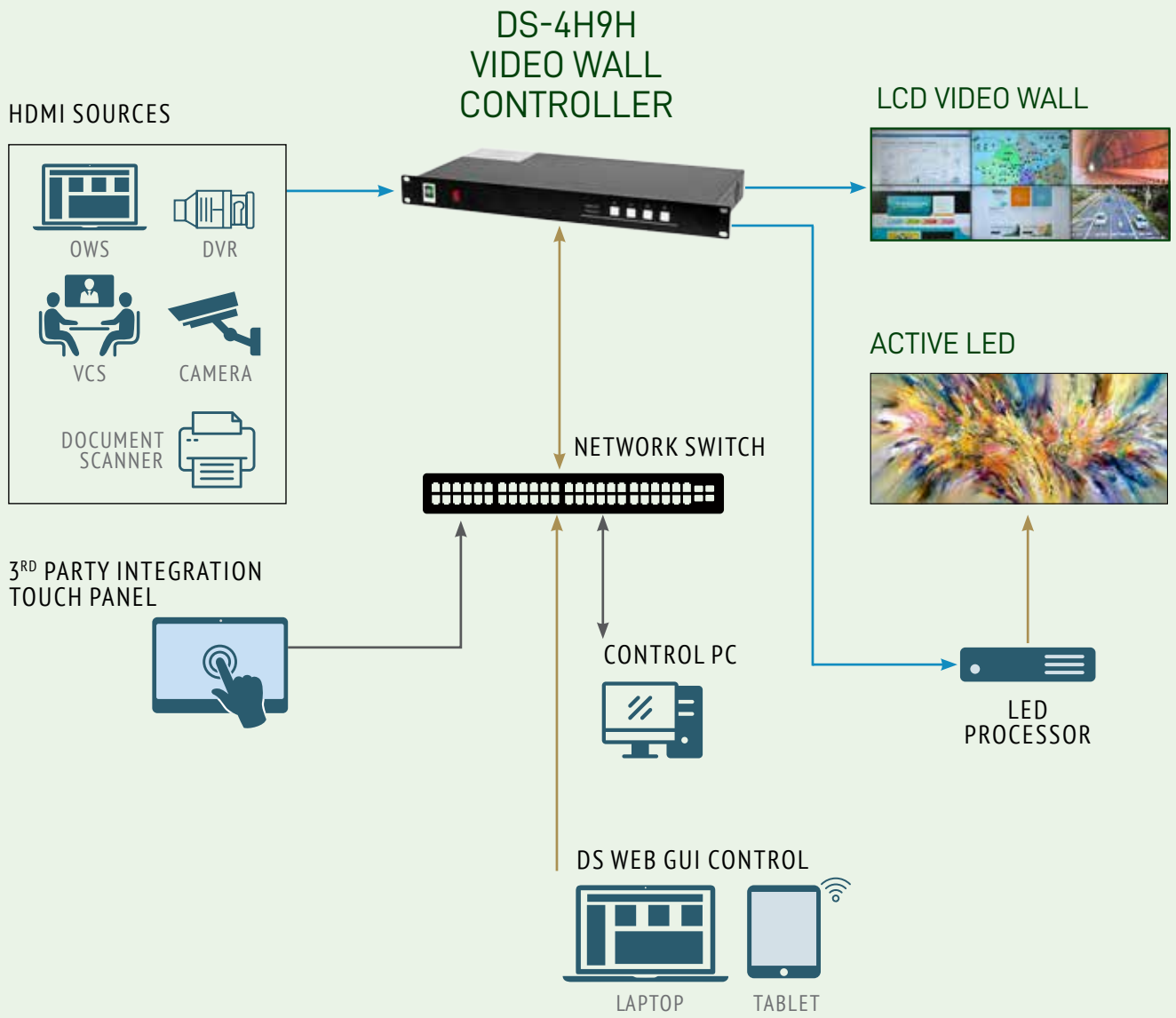
- Support IP Streams, such as IP Cameras
- Support 4K Resolution Base Image on Whole Video Wall
- Support Signal Redisplay and Preview on Control PC, iPad, Mobile Phone
- Support Customized Output Resolution under Different Groups
- Support Redundant Power Supply
- Support Hot-swappable Graphic Card, Fan and Power Supply
- Support Automatic Temperature Detecting of Graphic Card
- Support Remote Mouse and Making Marks on Video Wall
- Support Control by WEB Browser
- Support Signal Cutting of Major Signal Window and Subsidiary Signal Window
- Support 4K HDMI Inputs and 4K IP Streams
- Support Output Cards Divided into Different Groups for Different Video Walls
- Support Anti-burn-in Function for LCD Panels, with a Timing Cycle Scanning Black Line
- Support Central Control Device, such as Creston and AMX
- Support C/S client, browser (iOS and Android) and APP control
- Support Multi-webpage Signal Sources (One Web Server) Displayed on Video Wall




DS-4H9H (4 IN 9 OUT) VIDEO WALL CONTROLLER

DS-4H9H Controller is designed to meet the need for small size of video wall displays in a 24/7 operational environment. It is widely used in digital signage, command & control rooms and others where no more than 9 displays are needed.

DS-4H9H Controller has FPGA technology which is known for their flexibility and speed, making them ideal for handling multiple input signals simultaneously while maintaining low latency. This ensures that the data consistency is preserved, crucial for applications like video display where timing is critical.

SCHEMATIC



-  HDMI
-  LAN
-  API

■ 4 IN 9 OUT CONTROLLER SPECIFICATIONS

MODEL DS-4H9H

Based on FPGA, high bandwidth, real-time image, support LED input and output point-to-point pixel display, support any signal source superposition, segmentation and roaming, display scheme saving and calling.



PRODUCT CHARACTERISTICS

1. Supports one 8K@30hz signal collection
2. Supports HD base map
3. Displays screen group management
4. Supports custom resolution
5. Support C/S client, browser and APP control
6. Input channel subsignal segmentation

BASIC OUTPUT

	INTERFACE TYPE	HDMI 1.4	
	OUTPUT QUANTITY	9	
	OUTPUT RESOLUTION	1024×768@60Hz	1366×768@60Hz
		1280×720@60Hz	1280×1024@60Hz
		1400×1050@60Hz	1600×1200@60Hz
		1920×1080@60Hz	1920×1200@60Hz
Supports custom resolution			

BASIC INPUT(1+3)

	INTERFACE TYPE	(1 HDMI 2.0+3 HDMI 1.4)
	INPUT QUANTITY	4
	MAXIMUM RESOLUTION	3 channel - 1920x1200@60hz, 1 channel - 7680x2160@30hz, Backward compatibility 1920x1200@60hz, 3840x2160@60hz, 5760x3240@30hz, Supports custom resolution
	SUPPORTED SIGNAL SOURCE TYPES	HDMI, DVI
	DIGITAL PROTECTION	The first three channels support HDCP

SOFTWARE

	CONTROL MODE	Windows client Control, browser and iOS APP
	NETWORK PROTOCOL	TCP/IP, RS232 central control

BASIC SPECIFICATION

	CHASSIS	1U
	DIMENSION	W-482mm H-44.5mm L-218mm

ELECTRICAL REQUIREMENT

	POWER SOURCE	DC12V 36W Power source
	AC INPUT	100~240V 50/60Hz

OPERATING ENVIRONMENT

	TEMPERATURE	0° - 40°
	HUMIDNESS	10-90% non-condensing
	ALTITUDE	2000

WHO WE ARE

In the ongoing trends of market which is full of new inventions and technologies, visual information plays an important role in leaving impact on people's mind. Our vision has always been to give clarity about selecting and making decisions rightfully for your business.

Digital Signal AV is the premier manufacturer of video wall controllers and management software for a variety of markets from Traffic & Transport, Telecommunication & Data Centers, AV/ Digital Signage / Broadcasting, Virtual Reality & Simulation, Digital Cinema, Power Plants, Defense, Aerospace, Media & Entertainment, Government Infrastructure Projects worldwide with main offices in the San Francisco Bay Area and engineering / R&D center in Mumbai, India.

Digital Signal AV makes operational intelligence and management straightforward to reinforce

your productivity and business performance.

Our knowledge, experience and passion encompass every solution we provide to our customers.

Our management team is a group of most talented and respected pool of industry talent and expertise with hands on experience of designing, developing and executive seamless, scalable, and highly functional visualization solutions.

OUR APPROACH

With our customer focused approach, we tailor products to suit your needs and your budget. Our rich product line allows us to provide a solution regardless of your needs technical and financial. Our approach is to recommend the right solution, giving you all the options to be able to make the correct choice for your business. Our delivery is simple - tailored design, professional pre- and post-sales support as well as expert training.





CONTACT US

DIGITAL SIGNAL AV

454 Las Gallinas Ave. Suite # 1144,

San Rafael, CA 94903

415 306 2354

daniel@digitalsignalav.com

www.digitalsignalav.com