

**Configurations –**

4 in 4 out

8 in 8 out

12 in 12 out

16 in 16 out

20 in 20 out

24 in 24 out

Support up to 320 in & 320 output

Video Wall Controller

1. Signal Acquisition:

- VGA, DVI, HDMI, CVBS, DP, Dual-Link DVI SDI, HDBaseT, IP-Video, Fiber etc.
- 900x600, 1366x768, 1400x900, 1920x1080, 4K and customized resolution

2. Control via:

- RS232
- Network
- Key button
- Remote control

Modular Design

- Flexible Configuration, Expandable and easy Maintenance.
- Hot-Swappable Redundant PSU
- Hot-swappable I/O Cards

Powerful Processing

- Up to 320 inputs 1080P/ 4K input
- Up to 320 outputs screens video wall
- Input resolution up to 3840x2400@30/60Hz or 2560x1600@60Hz
- Output resolution up to 3840x2160@30/60Hz



Modular Design

Features

Video & Image Processing

Visual Operation



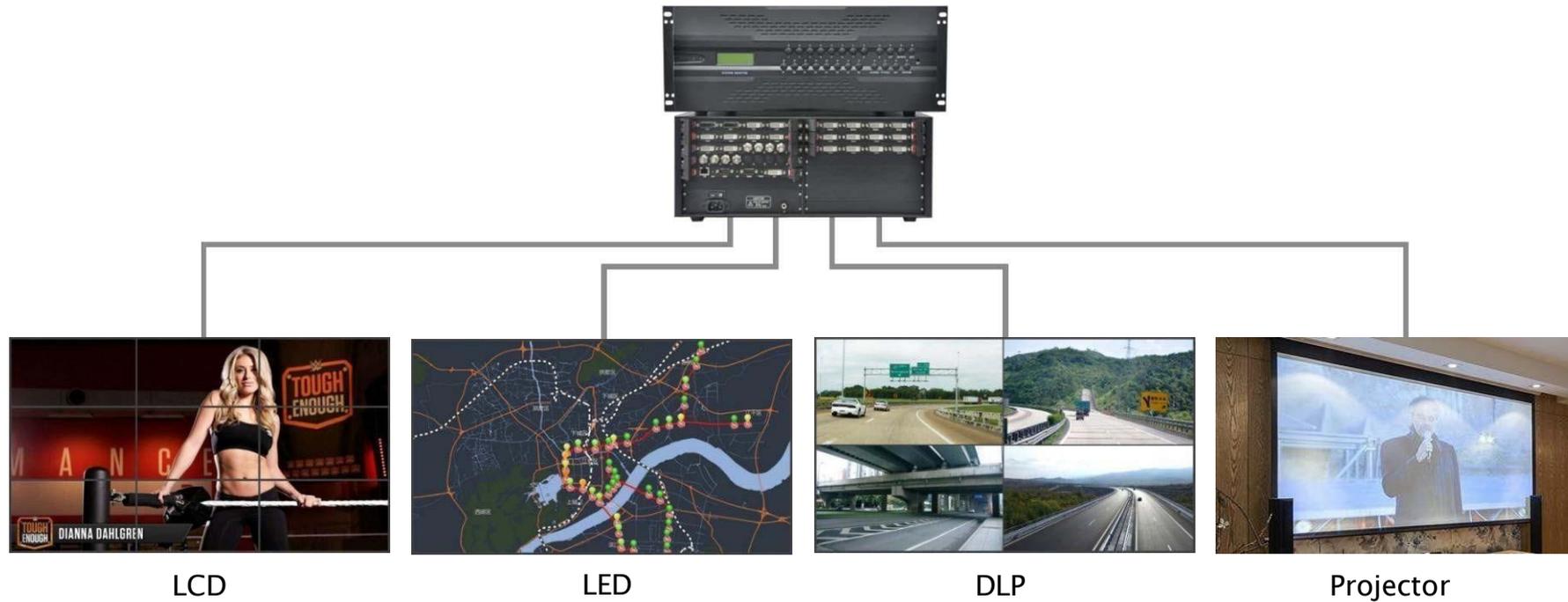
Real time previewing signal content via control software

Visual Operation

Software Functions

Video & Image Processing

Multi-group control



Multi-group control

Features

Video & Image Processing

IPad Control



Mobile control application support the Tablet PC intuitive signal sources. With a finger drag and drop the signal source from the list onto the big screen to open the window.

Functions: Signal Previewing

IPad Control

Software Functions

Video & Image Processing

Specifications

Chassis	4U	8U	16U	16UA	16UB	28U	32U
Control Card	1	1	1	1	1	1	1
Input Slot	4	9	20	29	15	40	80
Max HD Inputs	16	36	80	116	60	160	320
Output Slots	4	8	20	15	29	40	80
Max Wall Size	16	32	80	60	116	160	320
PSU	1+1	1+1	2+2	2+2	2+2	4+4	8+8

Input Cards



8-Channel CVBS Input Card



Quad-Channel SDI Input Card



Quad-Channel DP Input Card



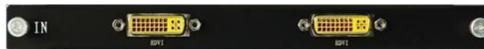
Quad-Channel VGA Input Card



Quad-Channel HDMI Input Card



Quad-Channel DVI Input Card



Dual-Channel Dual-Link DVI Input Card



Quad-Channel HDBaseT Input Card



Dual-Channel IP Streaming Decoder input card



Dual-Channel 4K HDMI Input Card



Quad-Channel Fiber Input Card



Dual-Channel 4K DP Input Card

Input Cards

Specification

Video & Image Processing

Output Cards



Quad-Channel DVI Output Card



Quad-Channel HDMI Output Card



Quad-Channel VGA Output Card



Quad-Channel HDBaseT Output Card



Dual-Channel 4K HDMI Output Card



Quad-Channel CVBS Output Card



Quad-Channel SDI Output Card



Quad-Channel Fiber Output Card

Output Cards

Specification

Video & Image Processing



ICS SERIES	LIST OF MODEL NO.
	ICS Series 4/4
	ICS Series 8/8
	ICS Series 12/12
	ICS Series 16/16
	ICS Series 20 /20
	ICS Series 24/24
	ICS Series 28 /28
	ICS Series 32/32
	ICS Series 36 /36
	ICS Series 40/40



PARAMETER	MINIMUM SPECIFICATIONS
CHASSIS 1/2	INPUT – 4 TO 320 INPUTS HDMI, FULL HD
	OUTPUTS – 4 TO 320 OUTPUTS HDMI, FULL HD
	IP VIDEO DE-CODER CARDS 4 TO 100
	PROTOCOLS: HDCP

PARAMETER	MINIMUM SPECIFICATIONS
DISPLAY CONTROLLER CHASSIS 1	VIDEO DISTRIBUTOR, DISPLAY CONTROLLER TO CONTROL
	VIDEO WALL IN A MATRIX AS PER REQUIREMENT
	TECHNOLOGY ADOPTED: INTEL BASED FPGA CHIP
	PROCESSOR SPECS: INTEL/FPGA
	RAM: 8 GB EXPANDABLE UPTO 128 GB DDR4 MINIMUM
	HDD: 1 TB X 2HARD DISK, POWER SUPPLY – HOT SWAPPABLE, REDUNDANT
	NETWORK SUPPORT: GIGABIT ETHERNET CONTROLLER
	INBUILT, SUPPORT FOR ADD ON NETWORK
	VIDEOWALL DISPLAY: DISPLAY MULTIPLE SOURCE WINDOWS IN ANY SIZE, ANYWHERE ON THE WALL.
	ACCESSORIES: DVD-R,DVD+RW, KEYBOARD, MOUSE
OS SUPPORT: WINDOWS 10 OR HIGHER.	

SOFTWARE FEATURES -

DISPLAY & SCALING, INPUT MANAGEMENT, SCENARIOS MANAGEMENT

DISPLAY MULTIPLE SOURCES ANYWHERE ON DISPLAY UP TO ANY SIZE

SUPPORT OVERLAP, STRETCH, CROSS SCREEN, PIP OF ANY INPUT ON THE SCREEN.

ALL INPUT SOURCES CAN BE DISPLAYED ON THE VIDEO WALL IN FREELY RESIZABLE AND MOVABLE WINDOWS

ALLOW BRIGHTNESS AND CONTRAST TO BE ADJUSTED

SAVE AND LOAD DESKTOP LAYOUTS FROM LOCAL OR REMOTE MACHINES

LAYOUT MANAGEMENT

SUPPORT ALL LAYOUT FROM INPUT SOURCES, INTERNET EXPLORER, DESKTOP AND REMOTE DESKTOP APPLICATION

MULTI VIEW OPTION

MULTIPLE VIEW OF PORTIONS OR REGIONS OF DESKTOP, MULTIPLE APPLICATION CAN VIEW FROM SINGLE DESKTOP



This is to certify that
GENIUS PRESENTATION PRIVATE LIMITED
 GROUND FLOOR, C-43, VISHWAKARMA COLONY, M.B. ROAD, NEW DELHI,
 SOUTH EAST DELHI, DELHI - 110044, INDIA.

has been assessed by RAPEL and found to comply with the requirements of
ISO 45001 : 2018
 Occupational Health and Safety Management Systems

For the following activities:
 "MANUFACTURING, SERVICES AND SYSTEM INTEGRATION OF AUDIO &
 VIDEO PRODUCTS, ELECTRONICS, IT, TELECOM, AUTOMATION"

Certificate Number: E20241014317
 Date of certification: 21/10/2024
 Initial Surveillance on or before: 20/10/2025
 Next Surveillance on or before: 20/10/2026
 Certification Valid Until: 20/10/2027



Certificates are an administrative of certified status, verification method, but neither the presence of Royal Assessments Pvt. Ltd. nor the presence of the assessed and certified system, equipment or processes is a warranty. Validity of certificate is subject to successful surveillance audits. RAPEL is accredited by IAF, EGAC, EGAC, member of International Accreditation Forum (IAF) and member of EGAC.



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has been assessed by RAPEL and found to comply with the requirements of
ISO 14001 : 2015
 Environmental Management Systems

For the following activities:
 "MANUFACTURING, SERVICES AND SYSTEM INTEGRATION OF AUDIO &
 VIDEO PRODUCTS, ELECTRONICS, IT, TELECOM, AUTOMATION"

Certificate Number: E20241014316
 Date of certification: 21/10/2024
 Initial Surveillance on or before: 20/10/2025
 Next Surveillance on or before: 20/10/2026
 Certification Valid Until: 20/10/2027



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 SOUTH EAST DELHI, DELHI - 110044, INDIA.

has been assessed by RAPEL and found to comply with the requirements of
ISO 9001 : 2015
 Quality Management Systems

For the following activities:
 "MANUFACTURING AND SERVICES OF ELECTRONICS, IT, TELECOM, AUTOMATION,
 POWER INDUSTRIES, SYSTEM INTEGRATION"

Certificate Number: E20240712324
 Date of certification: 31/07/2024
 Initial Surveillance on or before: 30/07/2025
 Next Surveillance on or before: 30/07/2026
 Certification Valid Until: 30/07/2027



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Certificate of Registration

This is to Certify that
Information Security Management System of
GENIUS PRESENTATION PRIVATE LIMITED
 GROUND FLOOR, C-43, VISHWAKARMA COLONY, M.B. ROAD, NEW DELHI,
 SOUTH EAST DELHI, DELHI - 110044, INDIA.

has been assessed and found to conform to the requirements of
ISO/IEC 27001:2022
 For the following scope:

MANUFACTURING, SERVICES AND SYSTEM INTEGRATION OF AUDIO &
 VIDEO PRODUCTS, ELECTRONICS, IT, TELECOM, AUTOMATION
 (STATEMENT OF APPLICABILITY VERSION 1.0 DATED 23.06.2024)

Certificate No: 28R000242
 Initial Registration Date: 21/10/2024
 Date of Expiry: 20/10/2028
 Issuance Date: 21/10/2025
 Valid Until: 20/10/2027

CERTIFICATE

This is to Certify that the Management System of
GENIUS PRESENTATION PRIVATE LIMITED
 GROUND FLOOR, C-43, VISHWAKARMA COLONY, M.B. ROAD,
 NEW DELHI, SOUTH EAST DELHI, DELHI - 110014, INDIA

has been found to conform to the Energy Management System standard:
ISO 50001:2018

This certificate is valid for the following scope of operations:
**MANUFACTURING, SERVICES AND SYSTEM INTEGRATION OF AUDIO
 & VIDEO PRODUCTS, ELECTRONIC, IT, TELECOM, AUTOMATION**

Certificate No.: **INS9485G**

Date of initial registration	Date of this Certificate	Ann. audit on or before	Certificate expiry	Re-certification Due
09 April 2023	09 April 2025	09 April 2026	08 April 2028	08 April 2028

This Certificate remains valid subject to satisfactory surveillance audits.

GENIUS PRESENTATION PRIVATE LIMITED

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