



# DIGITAL *SOLUTIONS*

PROFESSIONAL AUDIO VISUAL  
SYSTEMS PRODUCER



# ABOUT US

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We are a digital solutions provider and system integrator with multidisciplinary experiences. Over the past 15 years, we have worked with various partners and clients from conceptualization to planning, design, and implementation stages.

With a proven track record, we have completed over 500 projects covering a wide variety of applications from display and audio solutions, training and simulations, automation and control, digital signage, streaming and recording, interactive system design and consultation, and projection-mapping to custom projects.

**Pro AV**  
SYSTEM  
INTEGRATOR

COMPLETED  
**500+**  
PROJECTS

EXPERIENCE  
since  
**2008**

TRUSTED ACROSS  
**APAC**  
REGION

CERTIFIED  
*bizSAFE*

STATE-OF-THE-ART  
**LED**  
MANUFACTURER

# Digital Solutions Indoor LED

## ***PRODUCT FEATURES***



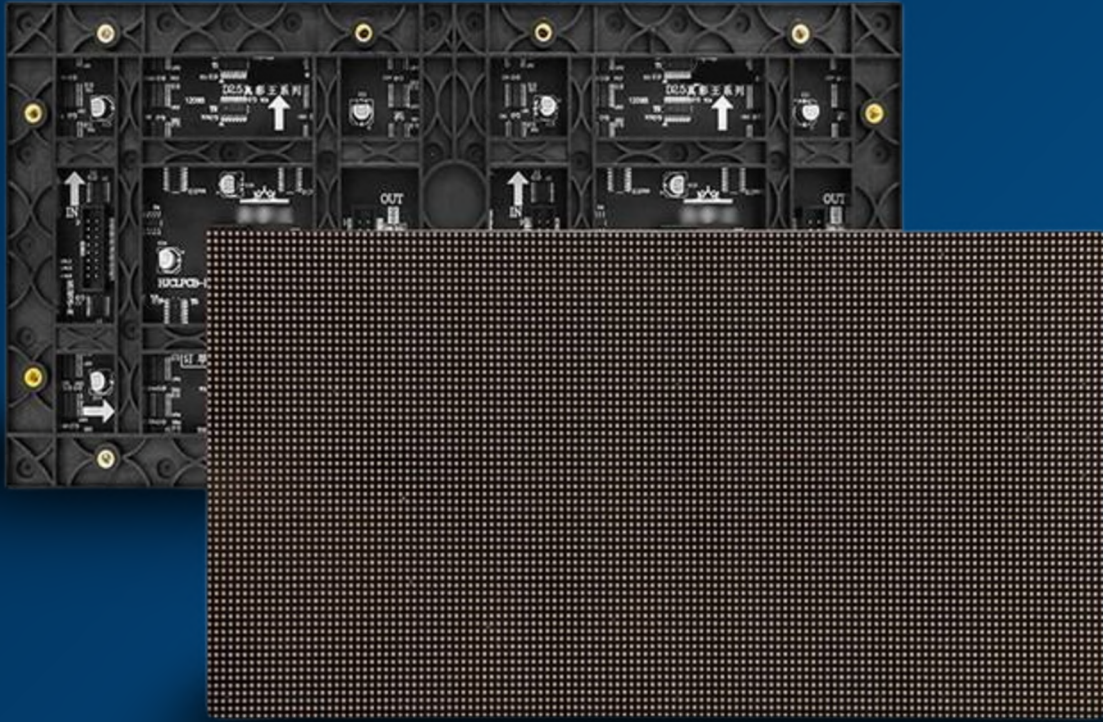
## ***FEATURES***

- Front access maintenance
- Parts and modules can be taken out from Front
- Due to the design, can be used in creative installation requirements
- Installation is fast, simple, and convenient
- Mounting: Stacked mounted or hanging installation
- Customisable to suit different requirements

## ***APPLICATIONS***

- Corporate Boardrooms
- Museums
- Showrooms
- Retail Malls
- Banks and Financial
- Command Centre
- Hotels and Conferences
- Government and Public Sectors

# Digital Solutions Indoor LED **MODULE APPEARANCE**



(Frame type might be vary due to different aspects)

Pixel Pitch(mm)	1.5mm
Model	IF-1.5
Application	Indoor
Lamp configuration	SMD 1212
Module Resolution (dot) (H x V)	208 x 104
Module Size (mm) (H x V x D)	320 x 160
Module Maintenance method	Front Service
Cabinet Resolution (dot) (H x V)	Custom designed
Cabinet Size (mm) (H x V x D)	Custom designed
Cabinet Material	Steel / Aluminum / Die-cast
Cabinet Weight (kg/pcs)	/
IP Standard	IP31
Density (Pixels/sqm)	422,500
Brightness Range (nits)	>=600
Brightness Adjustment (Levels)	256
View Distance (m)	>=1.5
Color Temperature (k)	7000-8500
Grey Scale (bits)	>=16
Refresh Rate (Hz)	2880-3840
Frame Rate (Hz)	50/60
Viewing Angle (H x V)	160°/160°
Max. Consumption (w/sqm)	800
Ave. Consumption (w/sqm)	300
Drving Mode (scan)	Static 1/52, constant current
Control Mode	Synchronous
Working Humidity	10% ~90% RH
Working Temperature	-20° ~ + 50°Celsius degree
Working Voltage	AC110/240V, 50-60HZ
Flatness Level (mm)	<1
MBTF (Hours)	>=10000
Life Span (Hours)	100,000
Light Sensor	Not Included
Warranty Time (Years)	2
IC Driver	ICND
LED System	Digital Solutions System
Power Supply	DSN
Power Factor	0.95
Power Efficiency	89%
Signal Available	DVI、VGA、HDMI、SDI、S-Video、YPrPb、CVBS.....
Running Files	Text, Animation, Picture, Video and etc

# Digital Solutions Indoor LED **DSX4M Controller** **SPECIFICATIONS**



## Input

- Input resolution: max 1920×1080@60Hz.
- Signal sources: 2×HDMI1.4, 1×DVI, 1×VGA, 1×CVBS.
- U-disk interface: 1×USB.

## Output

- Loading capacity: 2.6 million pixels.
- Maximum width is 3840 pixels or maximum height is 2000 pixels.
- 4 Gigabit Ethernet output ports.
- Supports Ethernet port redundancy

## Audio

- Input: 1×3.5mm.
- Output: 1×3.5mm, support HDM land U-DISK audio outputs.

## Function

- Supports switching, clipping and zooming.
- Supports screen offset.
- Supports screen adjustment: contrast, saturation, chroma, brightness compensation and sharpness adjustment.
- Supports convertLimit Range to Full Range input color space.
- Supports send and read back screen correction factor, advanced stitching.
- Supports HDCP1.4.
- Supports Precise Color Management.
- Supports Better Gray Level at Low Brightness, can effectively maintain the complete display of grey scale under low brightness.
- 16 scenepresets.
- Play back pictures and videos from U-disk.
- OSD for U-disk playback and screen adjustment (Remote controller optional).

## Control

- USB port for control.
- RS232 protocol control.
- Infrared remote control (optional).

# Digital Solutions Indoor LED **DSX8M LED Video Controller** **SPECIFICATIONS**



## Input

- Supports up to 4096×2160@60Hz resolution
- 4K input ports: 1×DVI1.2, 1×HDMI2.0
- 2K input ports: 4×HDMI1.4
- 1×USB drive port

## Output

- Load capacity up to 5.24 million pixels
- 8×Gigabit Ethernet ports

## Audio

- 1×independent audio input
- 1×independent audio output
- Supports for HDMI and DP audio decoding and output

## Functions

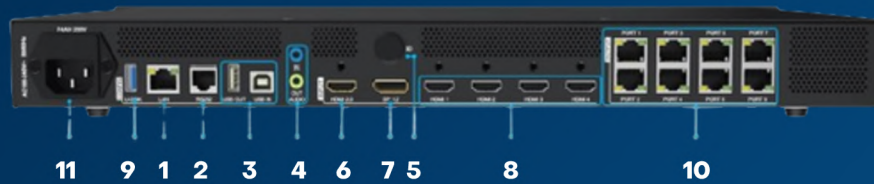
- Supports up to 6 windows, one layer for each window, layers overlap each other
- -1×4 input: simultaneously supports for 4 HD input ports and 5 windows
- -2×4 inputs: supports for 2 windows

Number of 4K signal layer in the canvas	Maximum number of layers	Description of the largest layer
1	5	1×4k+4×HD
2	2	2×4K
3	6	6×HD

# Digital Solutions Indoor LED

## **DSX8M LED Video Controller**

### **SPECIFICATIONS**



- Navigate and resize windows with a minimum window size of 64×64
- Crop with ease and seamlessly switch video signals, resize cutting frame, with a minimum window size of 64×64
- Different types of receiving cards enable precise color management and adjustable color gamut
- Genlock synchronization: supports for internal vsync locking, signal source input, and auto-genlock according to layers
- Supports for adjustment of the brightness and color temperature, supports for precise color temperature
- Supports for 3D (Optional)
- Better grayscale at low brightness: effectively maintains the complete display of grayscale under low brightness
- Supports for saving and loading of 128 preset scenes
- Supports for playback and upgrading via USB drive
- Supports for OSD (Optional)

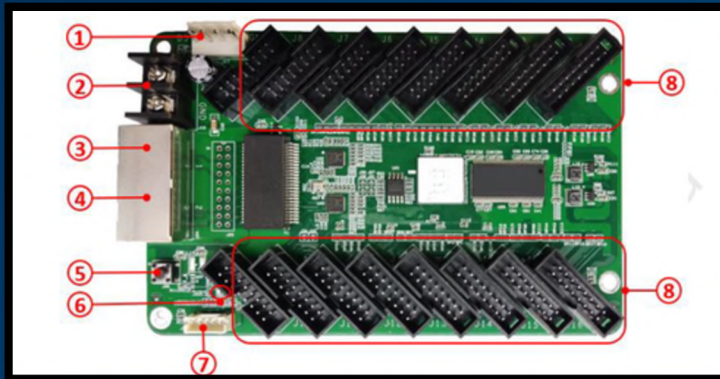
#### **Control**

- USB port for control and cascading
- RS232 Protocol control
- Supports for LAN port control
- Supports for control with apps

#### **Configuration**

- Operating environment of the video control system includes:
- Operating system: Windows Server 2016 (No restrictions).
- CPU: Dual-core 2.5GHz or better
- Memory: 8GB RAM or above
- SSD: 150GB or above

# Digital Solutions Indoor LED *DS-5A Receiving Card* **SPECIFICATIONS**



## **Display Effect**

- 18 bit video source input.
- Color temperature adjustment.
- 240Hz frame rate.
- Better gray at low brightness.
- Manage up to 256×768 pixels
- Operating voltage 5V

## **Correction Processing**

- Pixel-to-pixel calibration in brightness and chromaticity

## **Easy Maintenance**

- Highlight and OSD.
- Screen rotation.
- Data group offset.
- Any pump row and any pump column and any pump point.
- Quick firmware upgrade and quick release of correction coefficients.

## **Stable and Reliable**

- Loop redundancy.
- Ethernet cable status monitoring.
- Firmware program redundancy and readback.
- 7X24h uninterrupted work.



DIGITAL SOLUTIONS

unlocking  
possibilities



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