

## DS-D42C08-H LED Display Controller



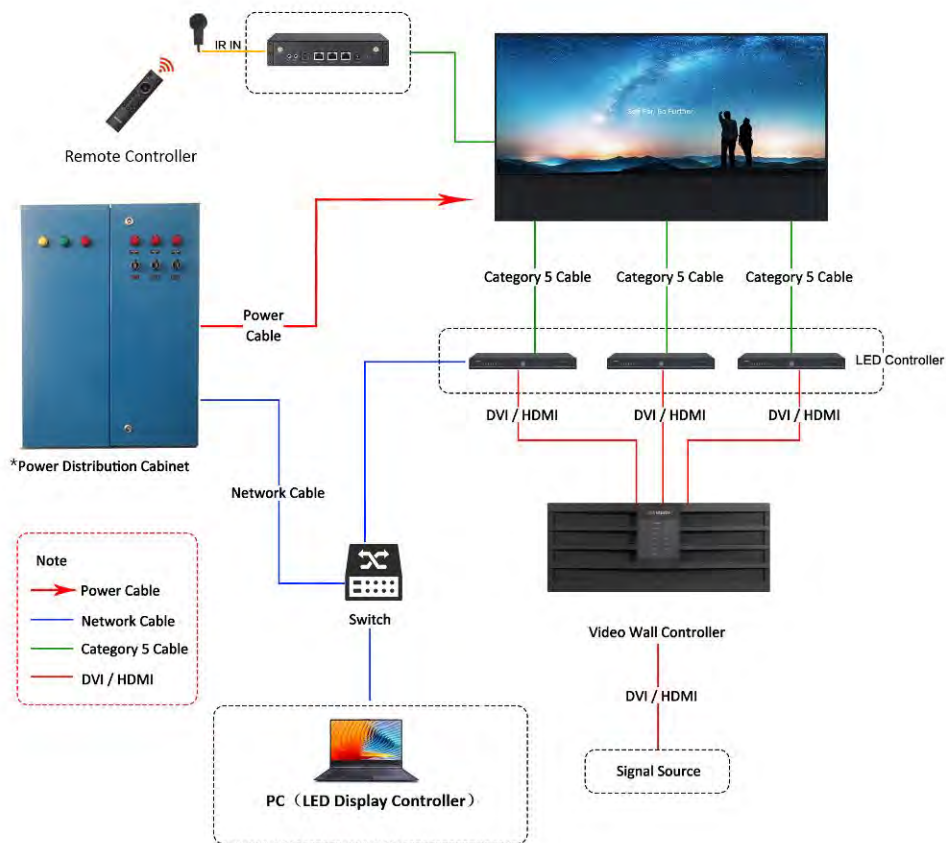
DS-D42C08-H LED Display Controller, used with LED full-color display screens, can achieve seamless stitching of the video wall in any dimensions. It is applicable to meeting rooms, studios, stadiums, airports, stations, banks, advertisements, family cinemas, etc.

- 8 Gigabit Ethernet output ports, with up to 4096 × 2160@30 Hz signal input.
- Up to 3840 × 1080@60 Hz signal input. Point-to-point display for 8 network interfaces.
- Automatic source search: Enabled by default.
- 3D synchronized signal input and output interface: 3D signal accessible, 3840 × 1080@60 Hz input and output for each card.
- Audio device access: Audio device accessible, with audio input and output interfaces.
- Light sensor extension: Realize light sensor adjustment with no need to add a multi-functional card.
- Dual-mode remote control expansion interfaces: Infrared and USB RF Wi-Fi expansion interfaces, remote control enabled.
- Competent with load capacity: 5 MP.
- Cloud upgrade: Remote cloud online upgrade accessible.
- Strip display: Single line super long subtitle display with the content being left-justified, right-justified, centered, or scrolled.
- Scene management: Scenes customizable and switchable.
- Multi-controller cascade display realizes better synchronization.
- 3480 Hz high refresh rate and nanosecond response time ensure smooth video pictures.

## ▪ Specification

Model		DS-D42C08-H
Interface	Video & Audio Input	2 × HDMI
	Video & Audio Output	1 × HDMI, 1 × MONITOR
	Network Interface	8
	Control Interface	RJ45 × 1
Processing Performance	Max. Load Capacity	5 MP
	Frame Frequency	60 Hz
	Refresh Rate	3840 Hz
	Processing Depth	8 bit , 10 bit
	Grey Level	16 bit
	Display Color	2 <sup>16</sup> × 2 <sup>16</sup> × 2 <sup>16</sup>
	Brightness Control	1 to 100 levels adjustable (gradual white balance)
Power	Max. Resolution of Bar Display	20000 × 256 pixels
	Max. Consumption	40 W
	Average Consumption	30 W
Working Environment	Input Voltage	100 to 240 VAC
	Working Temperature	0 °C to 40 °C (32 °F to 104 °F)
	Working Humidity	10% to 80%
	Storage Temperature	-10 °C to 60 °C (14 °F to 140 °F)
General	Storage Humidity	10% to 80%
	Product Dimensions (W × H × D)	442 mm × 249.5 mm × 57 mm (17.40" × 9.82" × 2.24")
	Package Dimensions (W × H × D)	576 mm × 428 mm × 121 mm (22.56" × 16.73" × 4.65")
	Net Weight	4.20 kg (7.73 lb)
	Gross Weight	5.20 kg (10.10 lb)
Packing List	Network cable (1.5 m) × 1, infrared signal cable (1.5 m) × 1, hanger accessory box × 1, desiccant × 1, VC power cord (1.2 m) × 1, multilingual quick start guide × 1	

## ▪ Typical Application



## ▪ Physical Interface

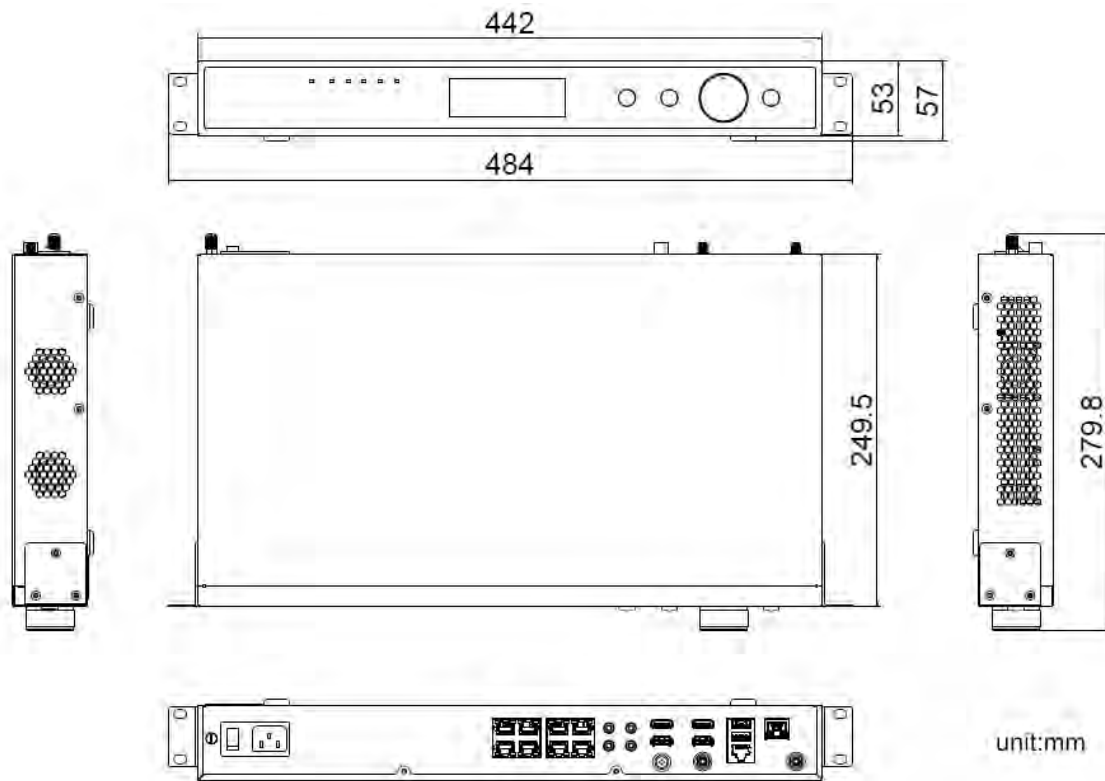
Interface	Description	Interface	Description
LAN	Network signal input	USB	USB interface
DP IN	DP digital signal input	HDMI IN1/IN2	HDMI1/HDMI2 digital signal input
DVI	DVI digital signal input	HDMI OUT	HDMI digital signal output
AUDIO IN/OUT	Audio input/output	IR IN	infrared signal input
LOCK ( 3D ) IN/OUT	LOCK (3D) signal input/output	WAKE UP	External wakeup signal input
LIGHT SENSOR	Light sensor probe input	DATA	8 × network output
Power	110 to 220 VAC		



## ▪ Available Model




DS-D42C08-H

▪ **Dimension**



▪ **Accessory**

▪ **Optional**

DS-D4237FI-CAF LED Display	DS-D4218FI-CAF LED Display	DS-D4225FI-CAF LED Display
		

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