

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@60 Hz signal input
- DP1.2 input interface: Up to 4096 × 2160@60 Hz
- Dual HDMI2.0 input interface: 4096 × 2160@60 Hz (Up to 7680 × 1080@60 Hz supported)
- DVI input interface: Up to 3840 × 1080@60 Hz
- 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.
- Remote control with the screen displaying remote control UI menu.
- 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.
- Split-screen display: Enable customized content and slogans displayed on both sides.
- Automatic dehumidification to protect the lamp beads from damp, applicable for different areas with four degrees of dehumidification modes.
- Anti-Blue light screen with a certificate issued by TUV.
- 256 degrees of luminance adjustment through device button, PC client, and remote control.
- Signal switchable through device button, PC client, and remote control.



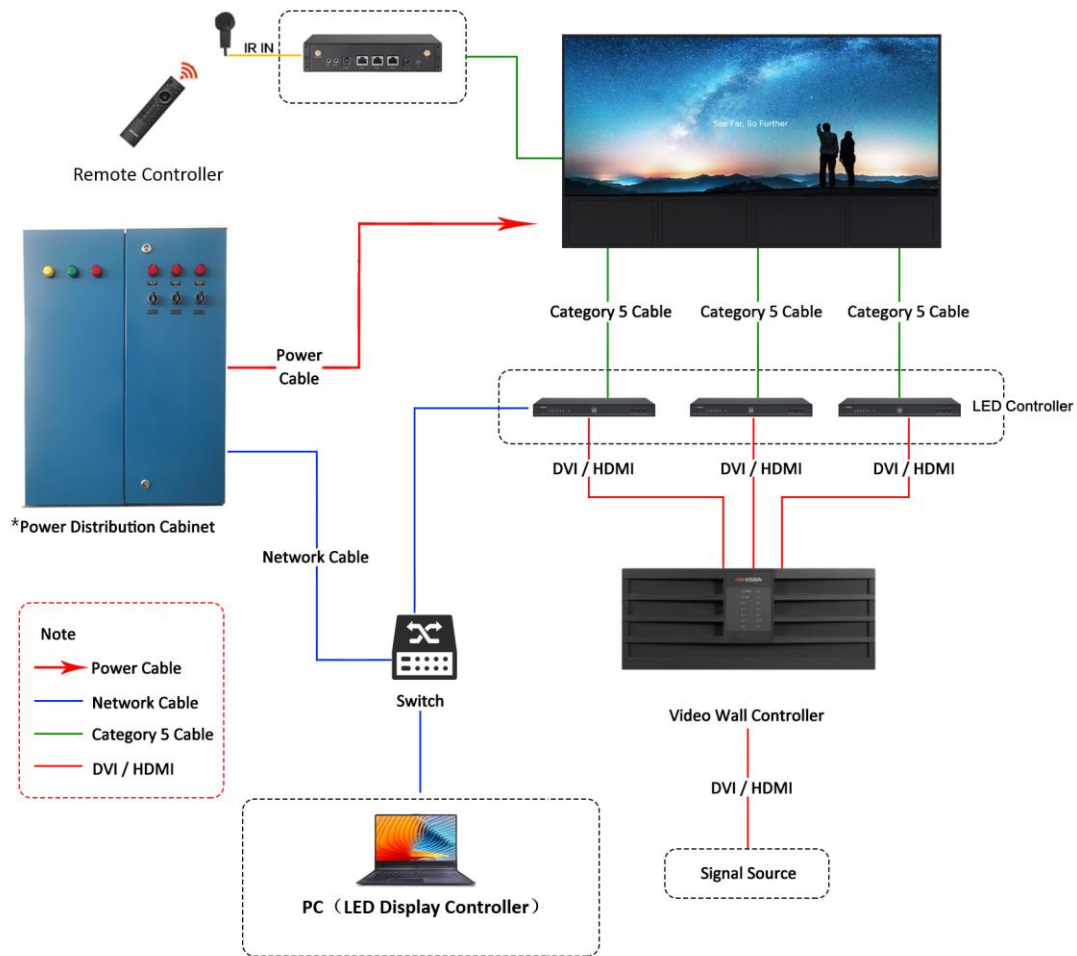
▪ Specification

Interface	
Video & Audio Input	2 × HDMI, 1 × DP, 1 × DVI
Video & Audio Output	1 × HDMI
Network Interface	8
Control Interface	RJ45 × 1
Processing Performance	
Max. Load Capacity	5 MP
Frame Frequency	50/60 Hz
Refresh Rate	3840 Hz
Processing Depth	8 bit
Grey Level	16 bit
Display Color	281 trillion
Brightness Control	1 to 10 levels adjustable (gradual white balance)
Max. Resolution of Bar Display	5000 × 256 pixels
Power	
Max. Consumption	40 W
Average Consumption	13.3 W
Input Voltage	100~240 VAC
Working Environment	
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)
Storage Humidity	10% to 80%
General	
Product Dimensions (W × H × D)	442 mm × 249.5 mm × 57 mm (17.40" × 9.82" × 2.24")
Package Dimensions (W × H × D)	573 mm × 425 mm × 118 mm (22.56" × 16.73" × 4.65")
Net Weight	3.51 kg (7.73 lb)
Gross Weight	4.58 kg (10.10 lb)
Packing List	Warranty Card × 1, Quality Certificate × 1, Restrictive Substances Table × 1

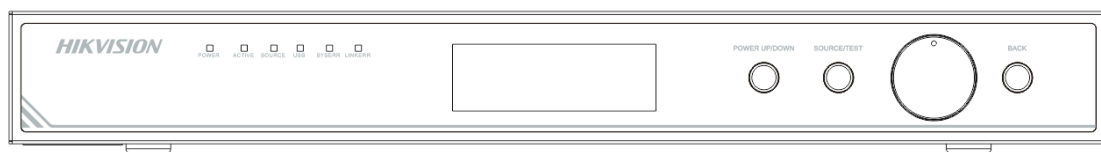
▪ Available Model

DS-D42C08-H(海外标配),DS-D42C08-H(海外标配),

▪ Typical Application

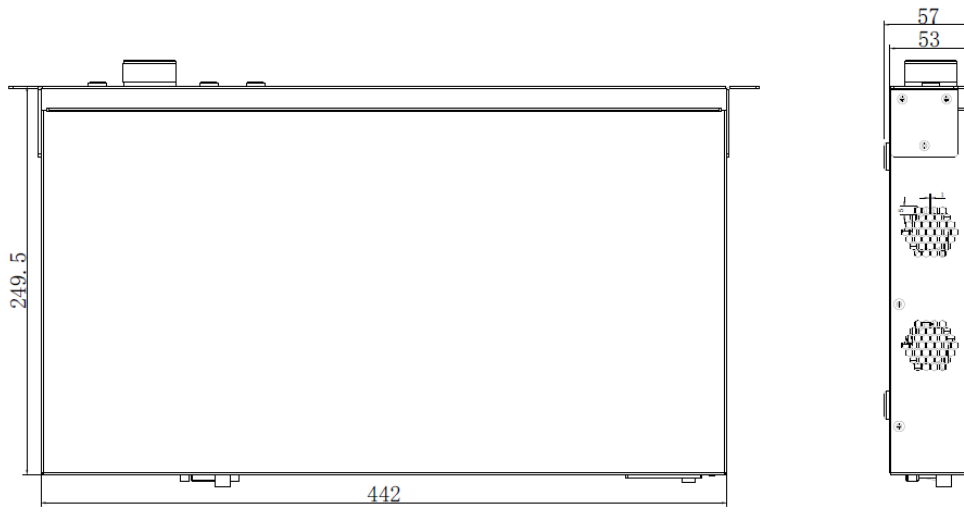


▪ Physical Interface



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	110~220 VAC		

▪ Dimension



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**HIKVISION®****Headquarters**

No.555 Qianmo Road, Binjiang District,
Hangzhou 310051, China
T +86-571-8807-5998
overseasbusiness@hikvision.com

Hikvision USA
T +1-909-895-0400
sales.usa@hikvision.com

Hikvision Australia
T +61-2-8599-4233
salesau@hikvision.com

Hikvision India
T +91-22-28469900
sales@pramahikvision.com

Hikvision Canada
T +1-866-200-6690
sales.canada@hikvision.com

Hikvision Thailand
T +662-275-9949
sales.thailand@hikvision.com

Hikvision Europe
T +31-23-5542770
sales.eu@hikvision.com

Hikvision Italy
T +39-0438-6902
info.it@hikvision.com

Hikvision Brazil
T +55 11 3318-0050
Latam.support@hikvision.com

Hikvision Turkey
T +90 (216)521 7070- 7074
sales.tr@hikvision.com

Hikvision Malaysia
T +601-7652-2413
sales.my@hikvision.com

Hikvision UK & Ireland
T +01628-902140
sales.uk@hikvision.com

Hikvision South Africa
Tel: +27 (10) 0351172
sale.africa@hikvision.com

Hikvision France
T +33(0)1-85-330-450
info.fr@hikvision.com

Hikvision Kazakhstan
T +7-727-9730667
nikia.panfilov@hikvision.ru

Hikvision Vietnam
T +84-974270888
sales.vt@hikvision.com

Hikvision UAE
T +971-4-4432090
salesme@hikvision.com

Hikvision Singapore
T +65-6684-4718
sg@hikvision.com

Hikvision Spain
T +34-91-737-16-55
info.es@hikvision.com

Hikvision Tashkent
T +99-87-1238-9438
uzb@hikvision.ru

Hikvision Hong Kong
T +852-2151-1761
info.hk@hikvision.com

Hikvision Russia
T +7-495-669-67-99
saleru@hikvision.com

Hikvision Korea
T +82-(0)31-731-8817
sales.korea@hikvision.com

Hikvision Poland
T +48-22-460-01-50
info.pl@hikvision.com

Hikvision Indonesia
T +62-21-2933759
Sales.Indonesia@hikvision.com

Hikvision Colombia
sales.colombia@hikvision.com