

DS-D4218FI-CAF **Full-Color LED Display**



DS-D4418FI-CAF is the new generation small pixel pitch indoor full-color LED display. LED video wall features in seamlessness, high brightness/contrast, wide viewing angle, and accurate color restoration, achieving good visual effect. It is widely used in places such as monitoring center, command center, conference room, report hall, and exhibition hall.

- Seamlessly splice images in rows and columns.
- Easily form standard 1920 × 1080 and 3840 × 2160 screens, achieving high definition dot-by-dot display.
- Automatically adapt signal sources to screens without the help of a video processing equipment.
- Easily optimize images with low resolution by improving definition, contrast and saturation with Pix Master technology.
- Dynamically enhance image parameters such as contrast, sharpness, saturation, color temperature and gamut to get the image more vivid.
- A signal input of 4K resolution at 30 Hz, and an output of up to 4K resolution for a single device.
- Use the Hikvision remote control (optional) to navigate through menu after access to the multi-functional card.
- Automatically remove moisture to protect lamp boards from water damage when the device is kept in a humid environment or left unused for a long time.
- Back up signals and power supplies (optional) to maintain a reliable system.
- Use the sending card to input HDMI, DVI, and DP signals.
- Network interface output.
- Remote configuration via the debugging network interface.
- Easy to disassemble lamp board, power supply, and receiving card on the front side with modular unit structure.
- Precise fool-proof design of lamp boards with magnetic adsorption to prevent wrong installation.
- Three-axis XYZ structure designed to perfectly adjust the flatness of the entire screen.
- Rapidly eliminate bright and dim lines with no need of professional equipment or operations.



▪ Specification

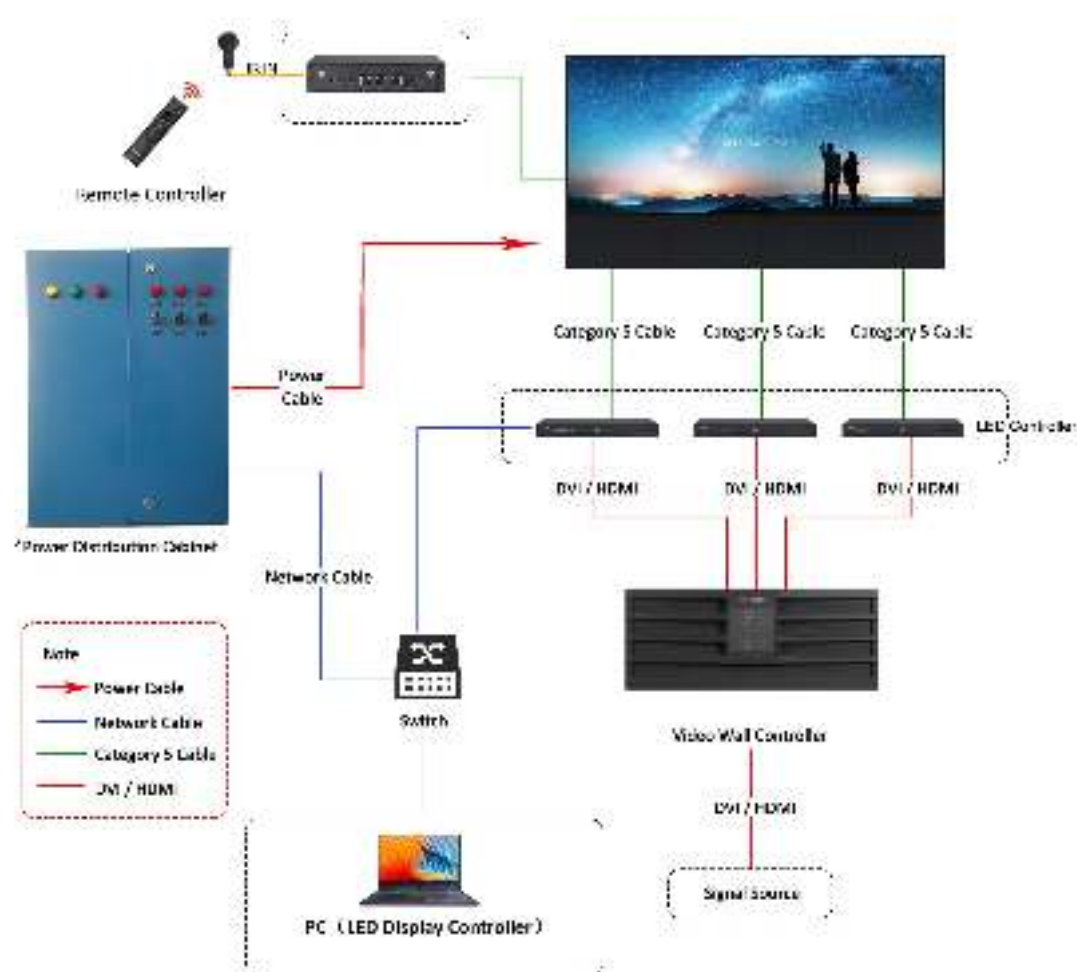
Cabinet	
Pixel Configuration	SMD 3-IN-1 LED
Pixel Pitch Category	P1.8
Pixel Pitch	1.875 mm
Lamp Dimensions	1.5 × 1.5 mm
Modules Component	2 × 2
Dimensions (W × H × D)	480 mm x 540mm x 54 mm (18.90" × 21.26" × 2.12")
Resolution	256 x 288
Area	0.2592 m ²
Weight	7KG (15.43lb)
Pixel Density	284444 dots/m ²
Lamp Board Housing	no housing
Cabinet Material	Die-cast aluminum
Maintenance Method	Front maintenance for all components
Cabinet Flatness	0.1 mm
Protection Level	Front protection level IP5X
Key Material	
Lamp Encapsulation	DSBJ1515
Driver IC	ICN2153
Control System	DS-D42C04-H、DS-D42C08-H、DS-D42C16-H
Display	
White Balance Brightness	800 cd/m ²
Color Temperature	3000 K to 10000 K adjustable
Viewing Angle	Horizontal 160°, vertical 160°
Contrast Ratio	≥ 5000:1
Color Uniformity	≤ ± 0.003Cx, Cy
Brightness Uniformity	≥ 97%
Processing Performance	
Driving Method	Constant current driving
Frame Frequency	60 Hz
Refresh Rate	3840 Hz
Grey Level	16 bit
Display Color	281 trillion
Power	
Power Supply	110~220 VAC ± 15%
Max. Consumption	≤ 600 W/m ²
Average Consumption	< 200 W/m ²
Working Environment	
Working Temperature	-10-40 °C
Working Humidity	10%~80%RH
Storage Humidity	10%~80%RH

Storage Temperature	-20~60 °C		
General			
Gross Weight	40 Kg (88.2 lb)		
Package Dimension (W × H × D)	598mm × 467mm × 763mm (23.54" × 18.38" × 30.04")	4in1	
Lifespan	Lamp 100,000 hours		

▪ Available Model

DS-D4218FI-CAF, 二代480*540/箱体, 海康系统,

▪ Typical Application



▪ Accessory



DS-D42C16-H
LED Display Controller



DS-D42C08-H
LED Display Controller

Distributed by:



HIKVISION

Headquarters

No.555 Chang An Rd, Binjiang District,
Hangzhou 310051, China
T: +86-571-8607-5008
overseasbusiness@hikvision.com

Hikvision USA
T: +1-309-365-7400
salesusa@hikvision.com

Hikvision Australia
T: +61-2-8593-4733
salesau@hikvision.com

Hikvision India
T: +91-22-20698800
sales@indianhikvision.com

Hikvision Canada
T: +1-888-803-6896
sales.canada@hikvision.com

Hikvision Thailand
T: +662-775-3640
sales.thailand@hikvision.com

Hikvision Europe
T: +31-23-5642770
sales.eu@hikvision.com

Hikvision Italy
T: +39-0439-5800
info.it@hikvision.com

Hikvision Brazil
T: +55-11-3318-0850
latin.support@hikvision.com

Hikvision Turkey
T: +90-216521 7070-7074
sales.tr@hikvision.com

Hikvision Malaysia
T: +603-7902-2112
sales.my@hikvision.com

Hikvision UK & Ireland
T: +1526-902140
sales.uk@hikvision.com

Hikvision South Africa
T: +27-11-01031172
sales@csa@hikvision.com

Hikvision France
T: +33-1-85-590-480
info.fr@hikvision.com

Hikvision Kazakhstan
T: +7-727-8720667
sales.pavlodar@hikvision.kz

Hikvision Vietnam
T: +84-974270095
sales.vn@hikvision.com

Hikvision UAE
T: +971-4-4472760
sales.me@hikvision.com

Hikvision Singapore
T: +65-6284-4708
sg@hikvision.com

Hikvision Spain
T: +34-91-757-19-55
info.es@hikvision.com

Hikvision Tashkent
T: +99-97-1220-9755
tash@hikvision.uz

Hikvision Hong Kong
T: +852-2121-1401
info.hk@hikvision.com

Hikvision Russia
T: +7-495-969-67-85
sales.ru@hikvision.com

Hikvision Korea
T: +82-0151-751-8617
sales.korea@hikvision.com

Hikvision Poland
T: +48-22-902-01-50
info.pl@hikvision.com

Hikvision Indonesia
T: +62-21-2933735
Sales.Indonesia@hikvision.com

Hikvision Colombia
sales.colombia@hikvision.com