

HIKVISION HOB LED DISPLAYS

Affordable Excellence!



PIXEL PITCH CHOICE: P1.2, P1.5, P1.8 MM

Hikvision glue-on-board (HOB) technology is a self-developed method of LED lamp board treatment, which can dramatically reduce the dead pixel rate.



Robust Surface Protection

IP60-rated HOB LED displays use a colloid layer on cabinet surfaces, ensuring lamp drop rate lower than 100 PPM



Flawless Optical Performance

Glue thickness is less than 0.2 mm, reducing the double refraction of light at the edge of the colloid



Superior Display Effect

Matte screens provide super high contrast ratios – greater than 5,000:1 and 40% higher than conventional SMD products



Scan to learn more

Product Comparison

Technical Parameters

- Highlights Differences
- All Parameters



Selected Product



COMPARE



COMPARE

Add product to compare

DS-D4212FI-CWFH/III
P1.25 Fine Fixel Pitch HOB LED Display Unit

DS-D4215FI-CWFH/III
P1.56 Fine Fixel Pitch HOB LED Display Unit

DS-D4218FI-CWFH/III
P1.875 Fine Fixel Pitch HOB LED Display Unit

Pixel Configuration

SMD Triad LED (HOB)

SMD Triad LED (HOB)

SMD Triad LED (HOB)

Pixel Pitch Category

P1.2

P1.5

P1.8

Pixel Pitch

1.25 mm

1.5625 mm

1.875 mm

Modules Component

2 × 4

2 × 4

2 × 4

Dimensions (W × H × D)

600 mm × 337.5 mm × 50.9 mm (2 3.62" × 13.29" × 2.00")

600 mm × 337.5 mm × 50.9 mm (2 3.62" × 13.29" × 2.00")

600 mm × 337.5 mm × 50.9 mm (2 3.62" × 13.29" × 2.00")

Resolution

480 × 270

384 × 216

320 × 180

Area

0.2025 m²

0.2025 m²

0.2025 m²

Weight

5.4 Kg (11.9 lb)

5.4 Kg (11.9 lb)

5.4 Kg (11.9 lb)

Pixel Density

640000 dots/m²

409600 dots/m²

284444 dots/m²

Lamp Board Housing

No housing

With housing

No housing

Cabinet Material

Magnalium

Magnalium

Magnalium

Maintenance Method

Front maintenance for all components

Front maintenance for all components

Front maintenance for all components

Cabinet Flatness

0.1 mm

0.1 mm

0.1 mm

Protection Level

Front protection level IP60

Front protection level IP60

Front protection level IP60

White Balance Brightness

800 cd/m²

800 cd/m²

800 cd/m²

Color Temperature

3000 K to 10000 K adjustable

3000 K to 10000 K adjustable

3000 K to 10000 K adjustable

Viewing Angle

Horizontal 160°, vertical 160°

Horizontal 160°, vertical 160°

Horizontal 160°, vertical 160°

Contrast Ratio

≥ 5000:1

≥ 5000:1

≥ 5000:1

Color Uniformity

≤ ± 0.003Cx, Cy

≤ ± 0.003Cx, Cy

≤ ± 0.003Cx, Cy

Brightness Uniformity

≥ 97%

≥ 97%

≥ 97%

Gross Weight

9.6 Kg (21.2 lb)

9.6 Kg (21.2 lb)

9.6 Kg (21.2 lb)

Package Dimension (W × H × D)

796 mm × 484 mm × 192 mm (31.33" × 19.05" × 7.56")

796 mm × 484 mm × 192 mm (31.33" × 19.05" × 7.56")

796 mm × 484 mm × 192 mm (31.33" × 19.05" × 7.56")

Lifespan

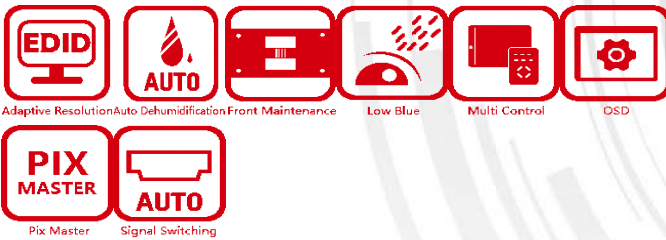
Lamp 100,000 hours

Lamp 100,000 hours

Lamp 100,000 hours

Power Supply	110~220 VAC ± 15%	110~220 VAC ± 15%	110~220 VAC ± 15%
Max. Consumption	≤ 600 W/m ²	≤ 450 W/m ²	≤ 345 W/m ²
Average Consumption	< 200 W/m ²	< 150 W/m ²	< 115 W/m ²
Driving Method	Constant current driving	Constant current driving	Constant current driving
Frame Frequency	60 Hz	60 Hz	60 Hz
Refresh Rate	Up to 3840 Hz	Up to 3840 Hz	Up to 3840 Hz
Grey Level	Up to 16 bit	Up to 16 bit	Up to 16 bit
Display Color	281 trillion	281 trillion	281 trillion
Working Temperature	-10-40 °C	-10-40 °C	-10-40 °C
Working Humidity	10%~80%RH	10%~80%RH	10%~80%RH
Storage Humidity	10%~80%RH	10%~80%RH	10%~80%RH
Storage Temperature	-20~60 °C	-20~60 °C	-20~60 °C

DS-D4212FI-CWFH/III Full-Color LED Display



DS-D4212FI-CWFH 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 buttons on the panel of sending card to adjust brightness and switch signal.
- 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.
- Real-time cabinet temperature and voltage checking to guarantee product safety.
- 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.
- Special HOB Craft Surface colloid layer for better waterproof, moisture-proof, anti-corrosion, dust-proof, anti-static, anti-oxidation.



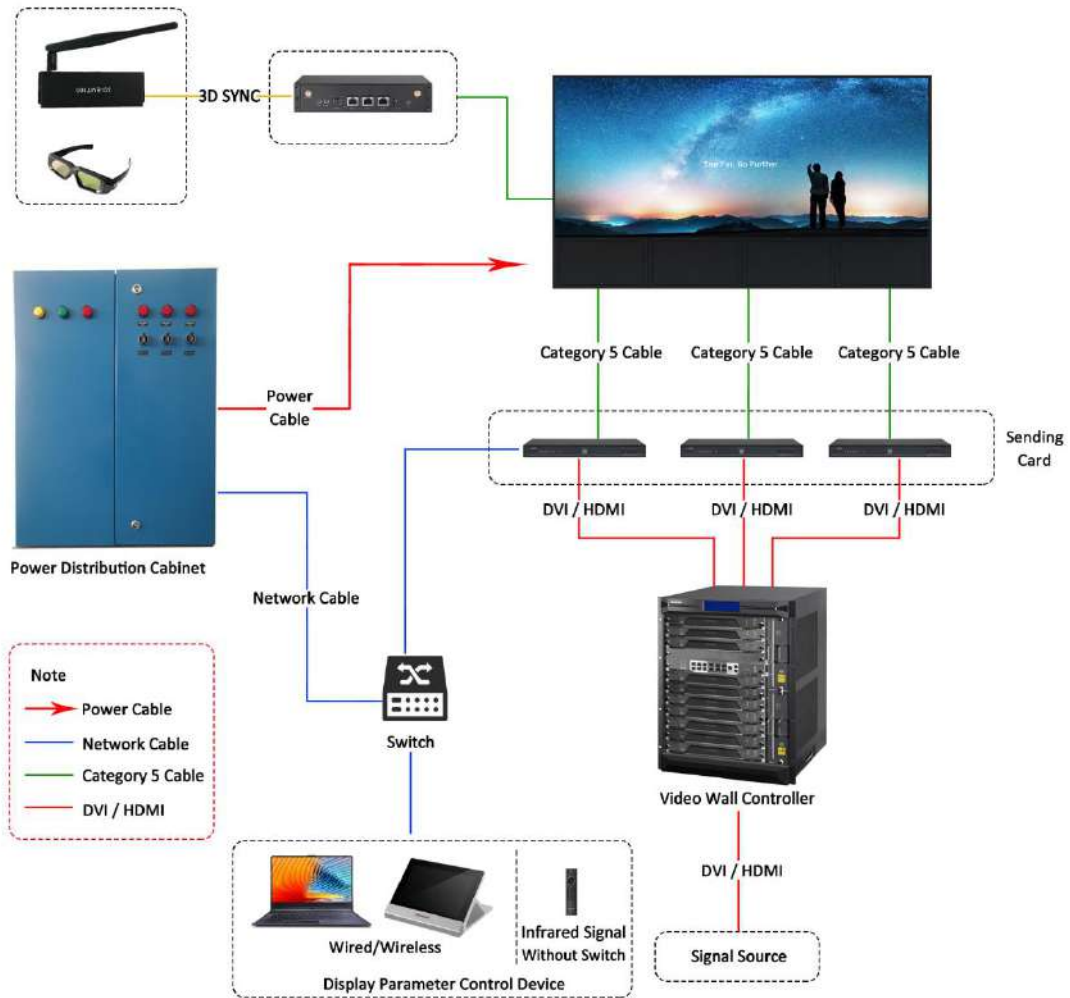
▪ Specification

Model		DS-D4212FI-CWFH/III
Cabinet	Pixel Configuration	SMD Triad LED (HOB)
	Pixel Pitch Category	P1.2
	Pixel Pitch	1.25 mm
	Modules Component	2 × 4
	Dimensions (W × H × D)	600 mm × 337.5 mm × 50.9 mm (23.62" × 13.29" × 2.00")
	Resolution	480 × 270
	Area	0.2025 m ²
	Weight	5.4 Kg (11.9 lb)
	Pixel Density	640000 dots/m ²
	Lamp Board Housing	No housing
	Cabinet Material	Magnalium
	Maintenance Method	Front maintenance for all components
	Cabinet Flatness	0.1 mm
	Protection Level	Front protection level IP60
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	Up to 3840 Hz
	Grey Level	Up to 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	9.6 Kg (21.2 lb)
	Package Dimension (W × H × D)	796 mm × 484 mm × 192 mm (31.33" × 19.05" × 7.56")
	Lifespan	Lamp 100,000 hours

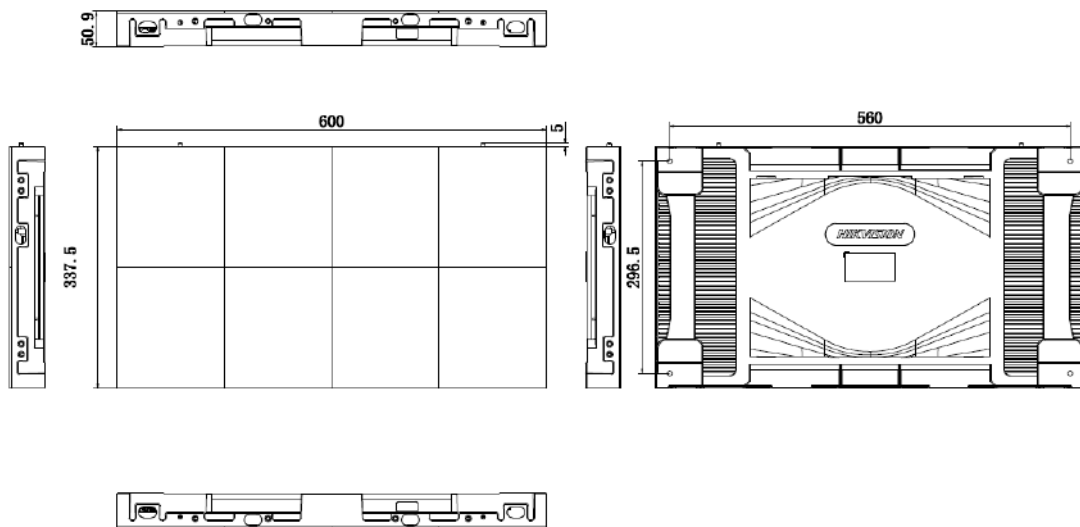
▪ Available Model

DS-D4212FI-CWFH

▪ Typical Application



▪ Dimension



Distributed by

**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 +601-7852-2413
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 +99-97-1238-9438
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

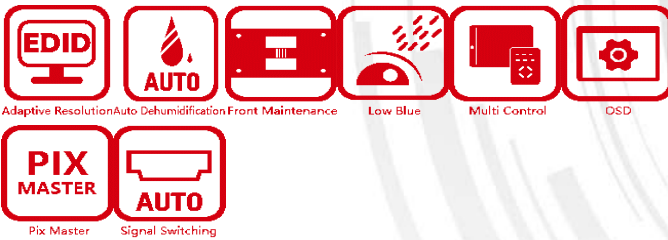
Hikvision Korea
T +82-(0)31-731-8817
sales.korea@hikvision.com

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

DS-D4215FI-CWFH/III Full-Color LED Display



DS-D4215FI-CWFH 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 buttons on the panel of sending card to adjust brightness and switch signal.
- 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.
- Real-time cabinet temperature and voltage checking to guarantee product safety.
- 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.
- Special HOB Craft Surface colloid layer for better waterproof, moisture-proof, anti-corrosion, dust-proof, anti-static, anti-oxidation.



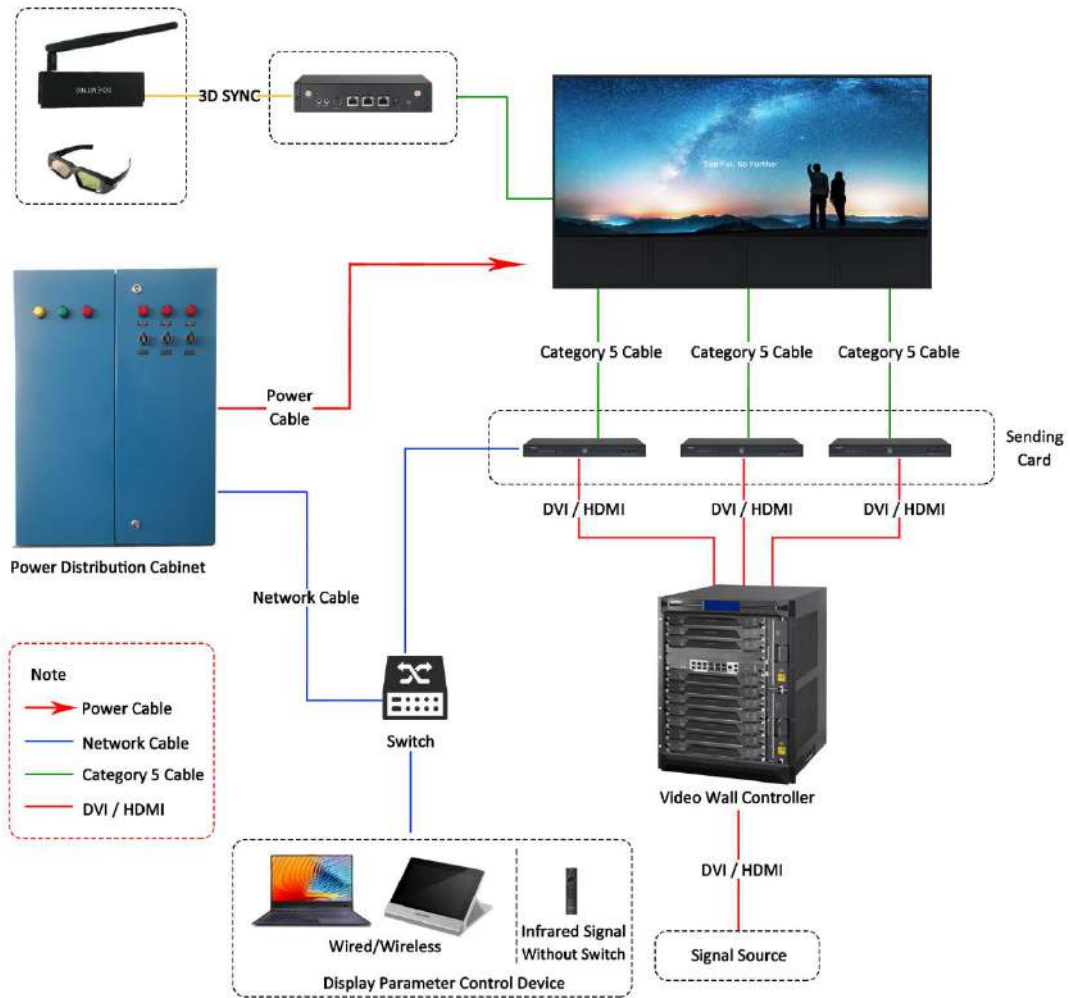
▪ Specification

Model		DS-D4215FI-CWFH/III
Cabinet	Pixel Configuration	SMD Triad LED (HOB)
	Pixel Pitch Category	P1.5
	Pixel Pitch	1.5625 mm
	Modules Component	2 × 4
	Dimensions (W × H × D)	600 mm × 337.5 mm × 50.9 mm (23.62" × 13.29" × 2.00")
	Resolution	384 × 216
	Area	0.2025 m ²
	Weight	5.4 Kg (11.9 lb)
	Pixel Density	409600 dots/m ²
	Lamp Board Housing	With housing
	Cabinet Material	Magnalium
	Maintenance Method	Front maintenance for all components
	Cabinet Flatness	0.1 mm
	Protection Level	Front protection level IP60
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	Up to 3840 Hz
	Grey Level	Up to 16 bit
	Display Color	281 trillion
Power	Power Supply	110~220 VAC ± 15%
	Max. Consumption	≤ 450 W/m ²
	Average Consumption	< 150 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	9.6 Kg (21.2 lb)
	Package Dimension (W × H × D)	796 mm × 484 mm × 192 mm (31.33" × 19.05" × 7.56")
	Lifespan	Lamp 100,000 hours

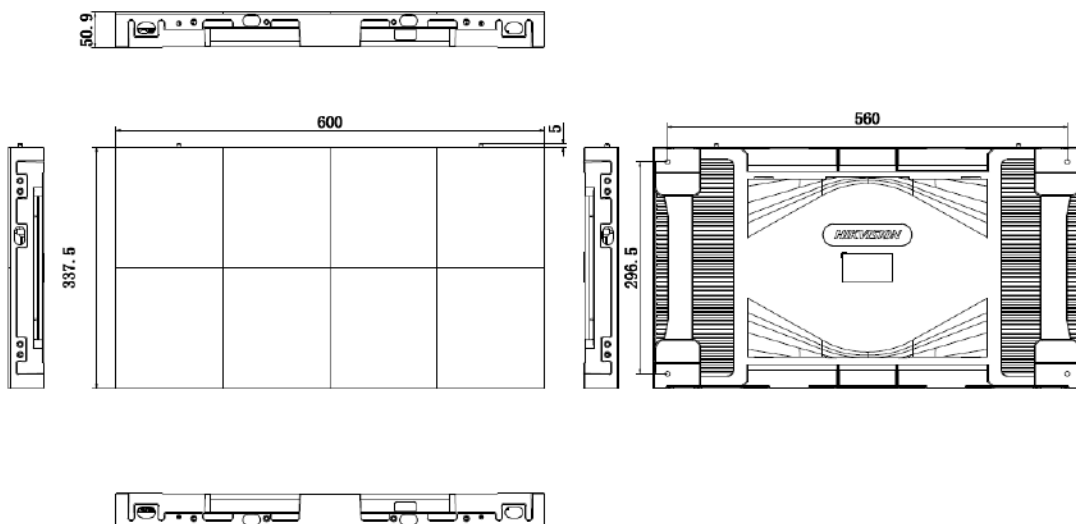
▪ Available Model

DS-D4215FI-CWFH

▪ Typical Application



▪ Dimension



Distributed by

**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 +601-7852-2413
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 +99-97-1238-9438
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

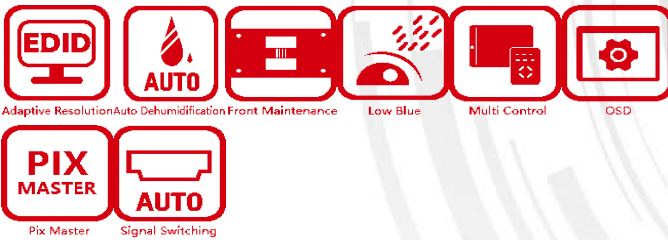
Hikvision Korea
T +82-(0)31-731-8817
sales.korea@hikvision.com

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

DS-D4218FI-CWFH/III Full-Color LED Display



DS-D4218FI-CWFH 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 buttons on the panel of sending card to adjust brightness and switch signal.
- 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.
- Real-time cabinet temperature and voltage checking to guarantee product safety.
- 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.
- Special HOB Craft Surface colloid layer for better waterproof, moisture-proof, anti-corrosion, dust-proof, anti-static, anti-oxidation.



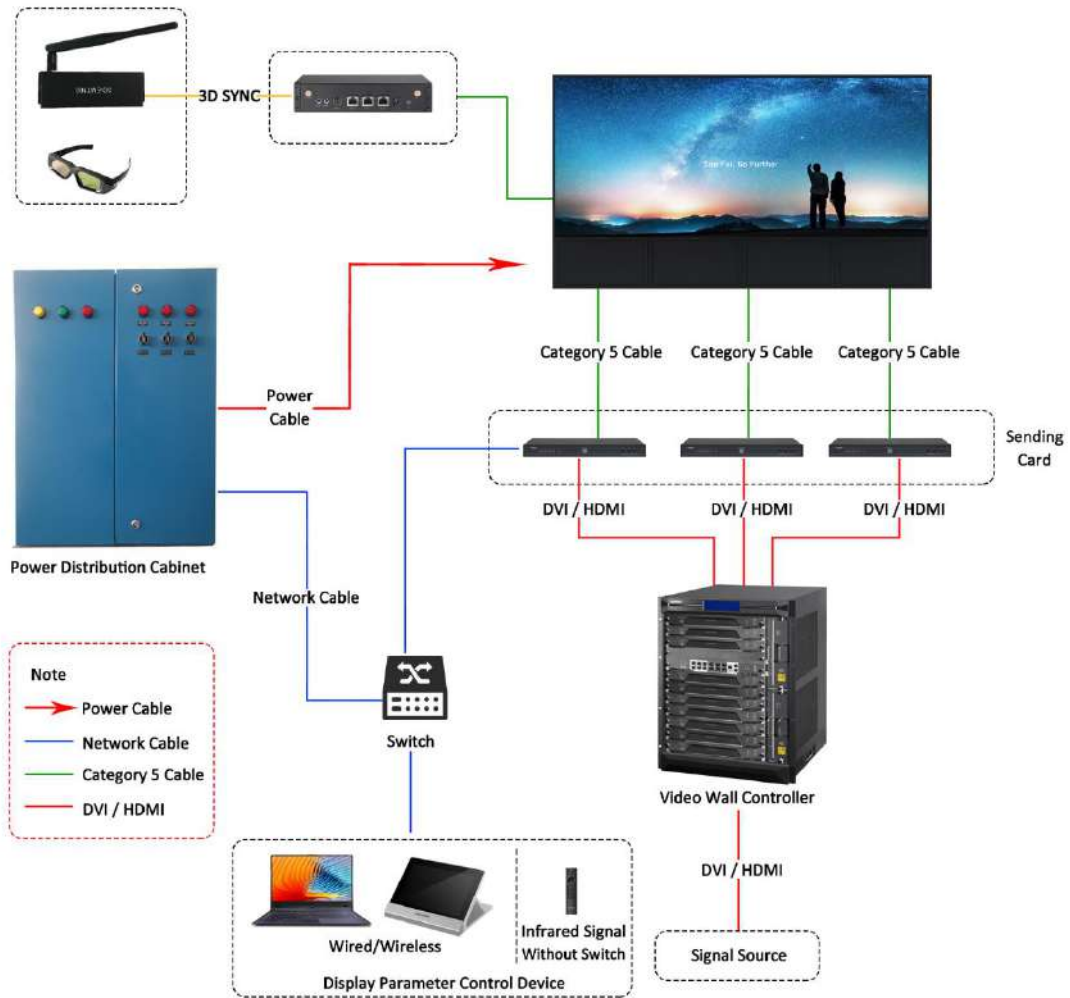
▪ Specification

Model		DS-D4218FI-CWFH/III
Cabinet	Pixel Configuration	SMD Triad LED (HOB)
	Pixel Pitch Category	P1.8
	Pixel Pitch	1.875 mm
	Modules Component	2 × 4
	Dimensions (W × H × D)	600 mm × 337.5 mm × 50.9 mm (23.62" × 13.29" × 2.00")
	Resolution	320 × 180
	Area	0.2025 m ²
	Weight	5.4 Kg (11.9 lb)
	Pixel Density	284444 dots/m ²
	Lamp Board Housing	No housing
	Cabinet Material	Magnalium
	Maintenance Method	Front maintenance for all components
	Cabinet Flatness	0.1 mm
	Protection Level	Front protection level IP60
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	Up to 3840 Hz
	Grey Level	Up to 16 bit
	Display Color	281 trillion
Power	Power Supply	110~220 VAC ± 15%
	Max. Consumption	≤ 345 W/m ²
	Average Consumption	< 115 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	9.6 Kg (21.2 lb)
	Package Dimension (W × H × D)	796 mm × 484 mm × 192 mm (31.33" × 19.05" × 7.56")
	Lifespan	Lamp 100,000 hours

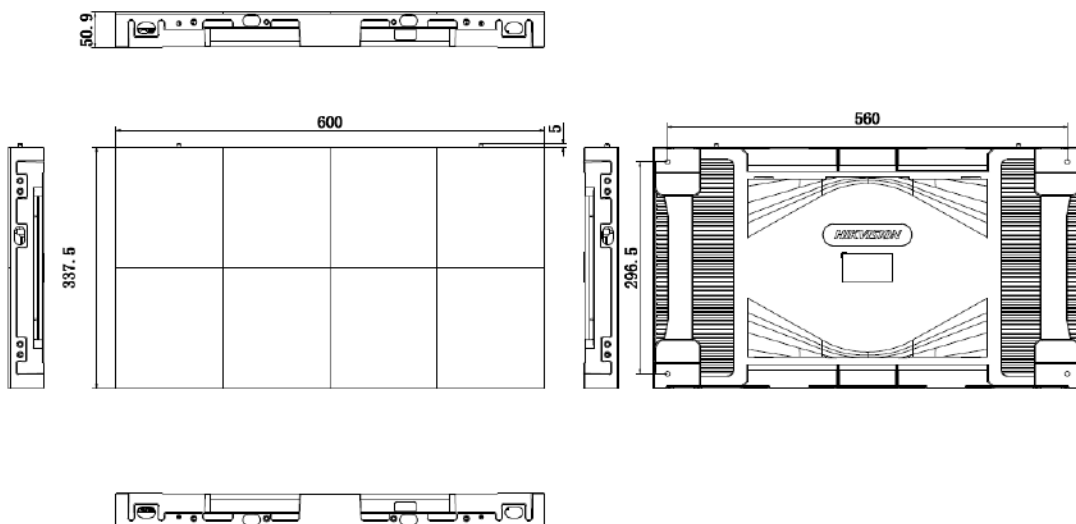
▪ Available Model

DS-D4218FI-CWFH

▪ Typical Application



▪ Dimension



Distributed by

**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 +601-7852-2413
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 +99-97-1238-9438
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