

## DS-D4218FI-CWF Full-Color LED Display

DS-D4218FI-CWF 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.



## Key Feature

### Image splicing technology

- 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.

### Easy to use

- Use the buttons on the panel of sending card to adjust brightness and switch signal.
- Use the remote control to navigate through menu after access to the multi-functional card.

### Safe and reliable

- 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.

### Complete interfaces

- Use the sending card to input HDMI, DVI, and DP signals.
- Network interface output.
- Remote configuration via the debugging network interface.

### Easy to install

- Easy to disassemble lamp board, power supply, and receiving card on the front side with modular unit structure.
- Cable-free connection between cabinets, and high precise customized connectors and anti-dropping safety locks inside cabinets.
- 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

| Model                  | DS-4218FI-CWF                  |  |
|------------------------|--------------------------------|--|
|                        | Pixel structure                | Surface mounted trinity LED  |
|                        | Pixel pitch                    | 1.875 mm   |
|                        | Modules component              | 1 × 2  |
|                        | Dimensions                     | 600 (W) × 337.5 (H) × 61 (D) mm (23.62 × 13.29 × 2.40 inch)                                    |
|                        | Resolution                     | 320 × 180  |
| Cabinet                | Area                           | 0.2025 m <sup>2</sup>  |
|                        | Weight                         | 8.3 kg (18.3 lb.)  |
|                        | Pixel density                  | 284444 dots/m <sup>2</sup>   |
|                        | Cabinet material               | Magnalium  |
|                        | Maintenance method             | Front maintenance for all components. Power supply can be maintained from both front and rear. |
|                        | White balance brightness       | 600 cd/m <sup>2</sup> by default. Up to 800 cd/m <sup>2</sup> .                                |
| Display                | Color temperature              | 3000 to 10000 adjustable   |
|                        | Viewing angle                  | Horizontal 160°, vertical 160°   |
|                        | Contrast ratio                 | ≥ 3000:1   |
|                        | Brightness uniformity          | ≥ 97%  |
|                        | Color uniformity               | ≤ ± 0.003Cx, Cy  |
|                        | Driving method                 | Constant current driving   |
| Processing performance | Frame frequency                | 60 Hz  |
|                        | Refresh rate                   | Up to 3840 Hz  |
|                        | Grey level                     | Up to 16 bit   |
|                        | Power supply                   | 100 to 240 VAC ± 15%   |
| Electrical             | Max. consumption               | ≤ 336 W/m <sup>2</sup>   |
|                        | Average consumption            | <160 W/m <sup>2</sup>  |
|                        | Working temperature            | -10°C to 40°C (14°F to 104°F)  |
|                        | Working humidity               | 10% to 80% RH (non-condensing)   |
|                        | Storage temperature            | -20°C to 60°C (-4°F to 140°F)  |
|                        | Storage humidity               | 10% to 85% RH(non-condensing)  |
| General                | Gross weight                   | 9.8 kg (21.6 lb. including packaging)  |
|                        | Independent package dimensions | 796 × 484 × 192 mm (31.33 × 19.05 × 7.56 inch)   |
|                        | Independent package material   | Corrugated Paper   |
|                        | Exterior package type          | Corrugated Case  |
|                        | Wooden box dimensions          | 1035 × 875 × 605 mm (40.75 × 34.45 × 23.82 inch)   |
|                        | Wooden box material            | 5A Plywood   |

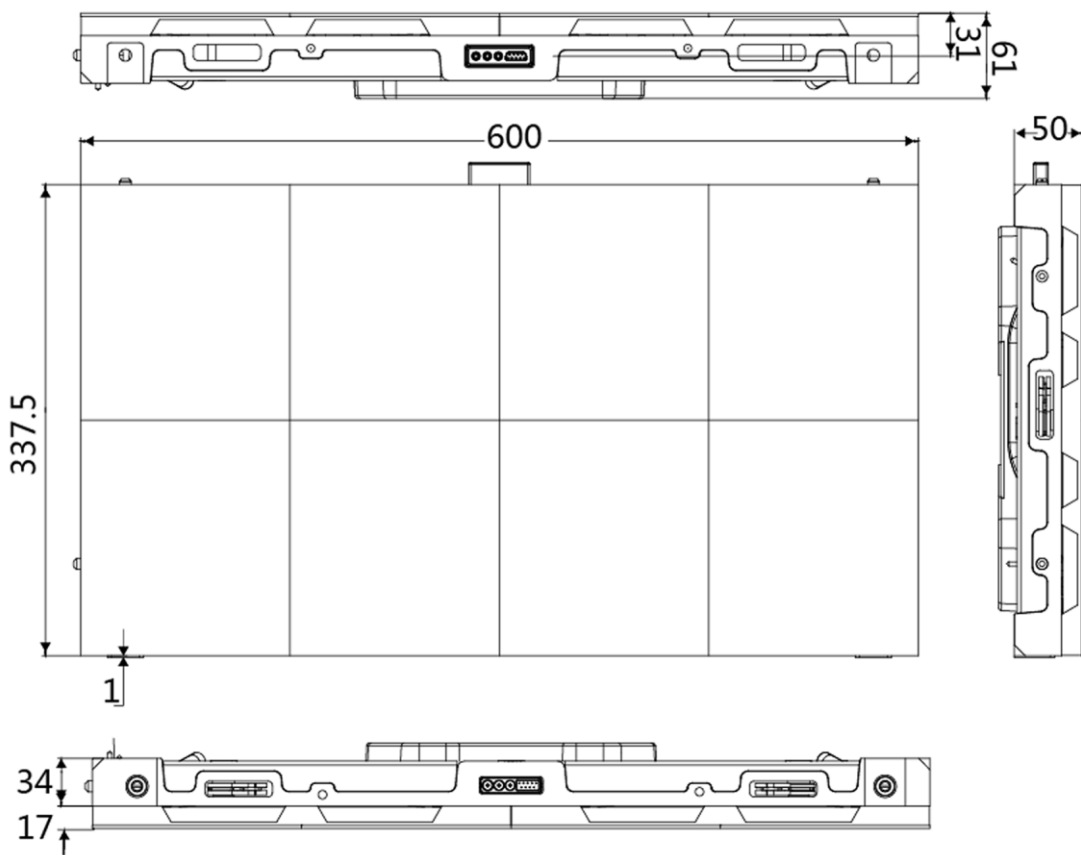
All parameters mentioned above are subject to the actual product.

Accessory

Figure 1. DS-D42C04-H Sending Card



Dimensions(Unit:mm)





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 +601-7652-2413  
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  
sateru@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