

## DS-D4512CH-1FQF DS-D4512CH-1FQF,



The LED Poster Display features an ultra-slim and lightweight design, enhanced by a magnetic butterfly-frame structure for easy installation. It supports seamless splicing of multiple units, enabling both standalone display and quick horizontal combination together. With high brightness and contrast, the display delivers vivid dynamic visuals and ensures excellent image quality from all viewing angles. Multiple installation options are supported, including standard wall-mounting, angled support, and mobile stand setups.

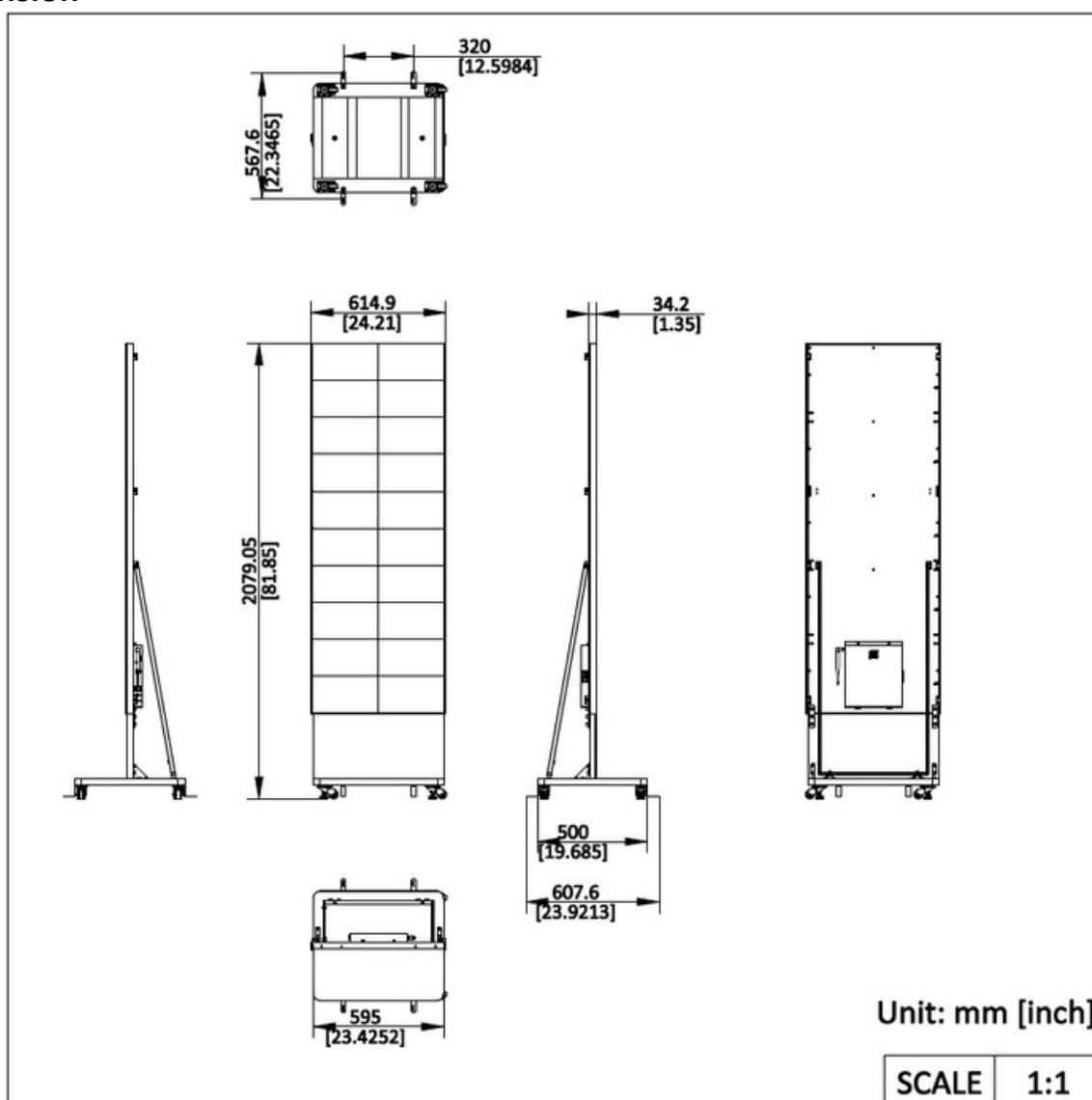
- The cabinet features a highly integrated, lightweight, and streamlined design with a magnetic butterfly-frame, enabling fast horizontal splicing and flexible combinations.
- Incorporates proprietary lossless image processing and ultra-low grayscale control technologies, delivering delicate, smooth visuals and outstanding dynamic color performance.
- Supports multiple remote content management methods, including local control, USB drive input, and PC-based operation.
- Fully self-developed display control system ensures end-to-end stability, security, and controllability. System modules can be easily maintained or replaced, with front-access LED modules supporting single-pixel repairs.
- Allows for multi-unit cascading display with a built-in sending card, eliminating the need for external control devices.
- Multiple installation options available: mobile stand, wall mount
- Optimized for close-range viewing scenarios with HOB LED panel protection, offering enhanced resistance to moisture, impact, and environmental stress.
- Supports multiple configuration methods including local remote control, software, and web interface, offering more convenient operation.

## □ Specification

| Product Model                               |                                                                                                                         |
|---------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| Product Model                               | DS-D4512CH-1FQF                                                                                                         |
| Cabinet                                     |                                                                                                                         |
| Pixel configuration                         | SMD Triad LED (with glue)                                                                                               |
| Pixel Pitch Category                        | P1.2                                                                                                                    |
| Pixel pitch                                 | 1.25 mm                                                                                                                 |
| Lamp Bead Dimensions Modules                | 1.02 x 1.02 mm                                                                                                          |
| Component Dimensions (W × H × D) Resolution | Cabinet × 5, single cabinet LED Module (2 × 2)<br>600 (W) mm × 1687.5 (H) mm × 29.5 (D) mm (23.622" × 66.435" × 1.161") |
| Area                                        | 480*1350                                                                                                                |
| Weight                                      | 1.0125 m <sup>2</sup>                                                                                                   |
| Pixel density                               | 5.4 kg                                                                                                                  |
| Lamp board housing                          | 640000 dots/m <sup>2</sup>                                                                                              |
| Cabinet material                            | Without housing, glue potting                                                                                           |
| Maintenance method                          | Diecasting Aluminium                                                                                                    |
| Display                                     | Front maintenance                                                                                                       |
| White balance brightness                    |                                                                                                                         |
| Color temperature                           | 600 cd/m <sup>2</sup>                                                                                                   |
| Viewing angle                               | 1700-15000K adjustable                                                                                                  |
| Contrast ratio                              | 160°(H)/160°(V)                                                                                                         |
| Color uniformity                            | 4000: 1                                                                                                                 |
| Brightness uniformity                       | ± 0.003Cx, Cy                                                                                                           |
| Processing Performance Driving method       | ≥ 97%                                                                                                                   |
| Frame frequency                             |                                                                                                                         |
| Frame frequency                             | Constand Current Driving                                                                                                |
| Refresh rate                                | 60 Hz                                                                                                                   |
| Grey level                                  | 3840 Hz                                                                                                                 |
| Power                                       | 22 bit+                                                                                                                 |
| Input Voltage                               |                                                                                                                         |
| Max. Consumption                            | 100~240 VAC ± 10 %                                                                                                      |
| Average Consumption                         | ≤460 W/m <sup>2</sup> (600nit)                                                                                          |
| Working Environment                         | ≤153 W/m <sup>2</sup>                                                                                                   |
| Opration Temperature                        |                                                                                                                         |
| Operation Humidity                          | -10 °C~40 °C                                                                                                            |
| Storage humidity                            | 10 %~60 %RH                                                                                                             |
| Storage temperature                         | -20 °C ~ 60 °C                                                                                                          |
| General                                     | -20 °C~60 °C                                                                                                            |
| Package Dimension (W × H × D)               |                                                                                                                         |
| Gross Weight                                | 2070 (W) mm × 665 (H) mm × 350 (D) mm (81.5 " × 26.18 " × 13.78 ")                                                      |
|                                             | 90.5 kg/1 in 1 (199.52 lb.)                                                                                             |

|            |                                                                                                                                                                                                                                                                      |
|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Accessory  | 50 LED lamp beads, 10 IC chips, 1 network cable, 1 power cable, 1 HDMI cable, 1 multilingual user manual, 1 remote control, 1 magnetic adjustment rod, 1 cable clip, 1 Phillips screwdriver, 1 hex key wrench, 1 power cable, 2 spare LED modules, 1 spare HUB Board |
| Net Weight | 89.7354 kg/1 in 1 (197.83 lb.)                                                                                                                                                                                                                                       |

## Dimension



## Accessory

### Optional

|                    |                    |                |                      |                 |
|--------------------|--------------------|----------------|----------------------|-----------------|
| D P -D 40XXCB22-0X | D P -D 40XXCB22-0X | DS-D45CH-1FQ/H | D S-D 4512CH -1F Q / | DS-D45ZJ-CMF/FS |
| 0-Q0-NS-Q0-TY/PJ   | 0-Q0-NS-Q0-MH/PJ   |                | A                    |                 |



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