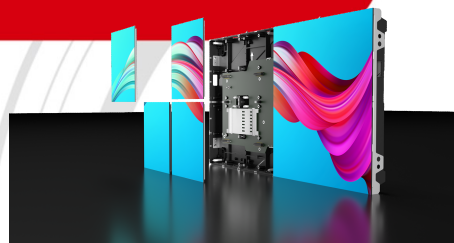


## DS-D4212CI-ZWDH(B) LED Display



- Each pixel point on the front of the display unit board module is composed of flip-chip red chip, green chip and blue chip package, and each chip is fixed to the circuit board.
- The back of the display unit board module contains components driver ICs, resistors and capacitors, and the display control system connected to the box can display video, images, and text information.
- The cabinet display unit is a front-dimensional magnetic suction tool, which is equipped with professional magnetic suction tools to complete the installment and debugging
- High Reliability Flip Chip
- Using constant current to drive the chip, uniform light emission, low power consumption
- High contrast ratio can achieve good display effect
- Light weight, easy to Installation and disassembly
- Modular design The whole box is divided into two unit structures: cabinet kits, module brackets

## ▪ Specification

| Model                  |                             | DS-D4212CI-ZWDH(B)             |
|------------------------|-----------------------------|--------------------------------|
| Cabinet                | Pixel Configuration         | Flip COB Chip                  |
|                        | Pixel Pitch Category        | P1.2                           |
|                        | Pixel Pitch                 | 1.25mm                         |
|                        | Lamp Dimensions             | 1R1G1B (Flip chip)             |
|                        | Modules Component           | 8 Panel                        |
|                        | Dimensions (W × H × D)      | 600 mm × 337.5 mm × 35 mm      |
|                        | Resolution                  | 480 × 270                      |
|                        | Area                        | 0.2025 m <sup>2</sup>          |
|                        | Weight                      | 4.5 Kg                         |
|                        | Pixel Density               | 1638400 dots/m <sup>2</sup>    |
|                        | Lamp Board Housing          | No housing                     |
|                        | Cabinet Material            | Die-casting Aluminum           |
|                        | Maintenance Method          | Front                          |
|                        | Cabinet Flatness            | 0.1 mm                         |
| Protection Level       | Front protection level IP65 |                                |
| Key Material           | Driver IC                   | ICND2065AP                     |
|                        | Control System              | Novastar                       |
| Display                | White Balance Brightness    | 1000 cd/m <sup>2</sup>         |
|                        | Color Temperature           | 3000 K to 10000 K adjustable   |
|                        | Viewing Angle               | Horizontal 150°, vertical 150° |
|                        | Contrast Ratio              | 18000 : 1                      |
|                        | Color Uniformity            | ≤ ± 0.003Cx, Cy                |
|                        | Brightness Uniformity       | ≥ 97%                          |
|                        | Dynamic Contrast Ratio      | 1000000:1                      |
| Processing Performance | Driving Method              | Constant current driving       |

|                     |                               |   |
|---------------------|-------------------------------|---|
|                     | Frame Frequency               | 60 Hz   |
|                     | Refresh Rate                  | Up to 3840 Hz   |
|                     | Grey Level                    | Up to 13 bits   |
|                     | Display Color                 | 281 trillion  |
| Power               | Power Supply                  | AC100~240V(50-60Hz)   |
|                     | Max. Consumption              | ≤ 470 W/m <sup>2</sup>  |
|                     | Average Consumption           | < 157 W/m <sup>2</sup>  |
| Working Environment | Working Temperature           | -10 ℃ to 40 ℃ (14 ℉ to 104 ℉)                                     |
|                     | Working Humidity              | 10%~80%RH   |
|                     | Storage Humidity              | 10%~80%RH   |
|                     | Storage Temperature           | -40 °C to 60 °C (-40 °F to 140 °F)                                |
| General             | Gross Weight                  | 16.47 Kg  |
|                     | Package Dimension (W × H × D) | 712 mm × 362 mm × 448 mm (1 Package 4)( 28.03" x 14.25" x 17.64") |
|                     | Lifespan                      | Lamp 100,000 hours  |
|                     |                               |   |

Solution with support for 24x7 operation and support for HDR technology

### ▪ Available Model

DS-D4212CI-ZWDH(B)

DS-D4212CI-ZWDH(B)/AVTECH

DS-D4212CI-ZWDH(B)/H 三代背板备件

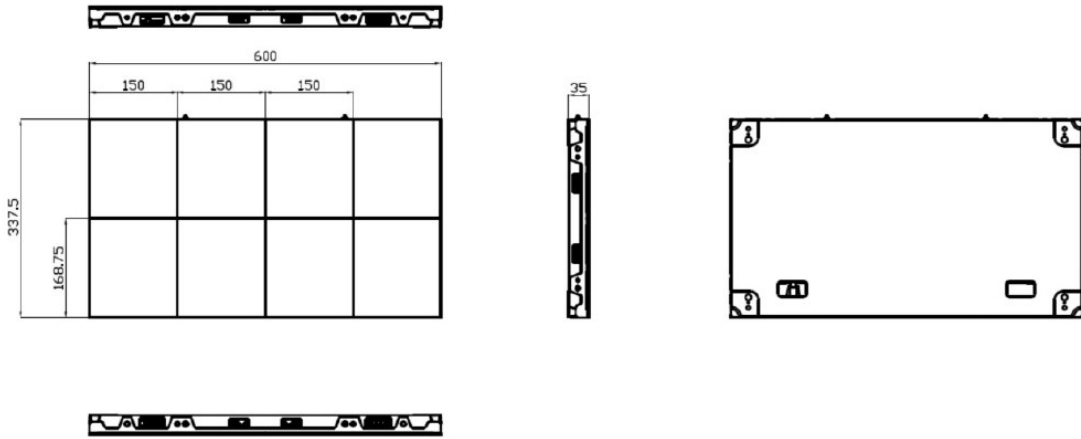
DS-D4212CI-ZWDH(B)/R 接收卡备件

DS-D4212CI-ZWDH(B)/P 箱体电源备件

DS-D4212CI-ZWDH(B)600\*337.5箱体三代COB/海外仓标配

DS-D4212CI-ZWDH(B)/A 150\*168.75/COB灯板备件

### ▪ Dimension



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