

**DS-D4009BW-2FC/A**  
**P0.9 COB 600nits**



- The display and control system is wholly self-developed, which is stable, safety and controllable.
- Highly integrated and compatible cabinet with simple and lightweight design.
- Easy to disassemble lamp board, power supply, and receiving card on the front side with high- precision aluminum die casting cabinet design.
- The solders are made of lead-free and non-toxic solder paste materials, which will not cause harm to human body and the environment.
- Automatically identify high-brightness and harsh picture details and adjust the brightness of the partial zones with dynamic engine algorithms adopted. The image is soft and comfortable to view and its quality is enhanced when unnecessary power consumption is reduced.
- Automatically remove moisture to protect lamp board from water damage when the device is kept in a humid environment or left unused for a long time.
- Support multiple ways to adjust screen parameters via remote control, tablet, and platforms.
- The packaging adopts recyclable materials, and the whole process of production achieves green and low-carbon standards.
- Please note: Module and cabinet sturcture should be seperately ordered.

## ▪ Specification

<b>Product Model</b>	
Product Model	DS-D4009BW-2FC/A
<b>Product Type</b>	
Product Type	Fine Pixel Pitch Indoor Full-color LED Display
<b>Module</b>	
Pixel Configuration	Flip-chip COB
Pixel Pitch	0.9375 mm
Pixel Pitch Category	P0.9
Pixel Density	1137777 dots/m <sup>2</sup>
Dimensions (W × H)	300 × 168.75 mm
Resolution	320 × 160
Weight	0.25 kg
Maintenance Method	Front maintenance for all components
<b>Display</b>	
White Balance Brightness	600 cd/m <sup>2</sup>
Color Temperature	3000-10000 K adjustable
Viewing Angle	160°(H)/160°(V)
Contrast Ratio	15000:1
Color Uniformity	≤ ± 0.003Cx, Cy
Brightness Uniformity	≥ 97%
<b>Processing Performance</b>	
Driving Method	Constant current driving
Frame Frequency	60 Hz
Refresh Rate	3840 Hz
Grey Level	16 bit
<b>Power</b>	
Max. Consumption	≤ 360 W/m <sup>2</sup> (600nits)
Average Consumption	≤ 120 W/m <sup>2</sup>
Working Voltage	DC 4.5 V to 5 V
<b>Working Environment</b>	
Working Temperature	-10 ℃ to 40 ℃ (14 ℃ to 104 ℃ )
Working Humidity	10% to 90% RH (without condensation)
Storage Temperature	-20 ℃ to 60 ℃ (-4 ℃ to 140 ℃ )
Storage Humidity	10% to 90% RH (without condensation)
<b>General</b>	
Package Dimensions (W × H × D)	Module: 4-in-1(443X360X52mm)
Packing List	Regulatory Compliance and Safety Information × 1 Connecting screws, driver IC, iron sheets
G.W.	0.45 kg (1 package in 1 box)
<b>Cabinet</b>	
Cabinet	DS-D40W-2F

▪ **Available Model**

DS-D4009BW-2FC/A 600\*337.5mm Module

▪ **Accessory**

DS-1NP6UEC0	DS-D40W-2F/PC	DS-D40W-2F/HUB	DS-D40W-2F
			

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