

Product Comparison

Technical Parameters

- Highlights Differences
- All Parameters



Selected Product



COMPARE



COMPARE

Add product to compare

DS-D4207CI-ZWDB
P0.7 Fine Fixel Pitch COB LED Display Unit

DS-D4209CI-ZWDH(B)
2nd Gen High Brightness P0.9 COB LED Unit

DS-D4212CI-ZWDH(B)
2nd Gen High Brightness P1.2 COB LED Unit

Pixel Configuration

Flip COB Chip

Flip COB Chip

Flip COB Chip

Pixel Pitch Category

P0.7

P0.9

P1.2

Pixel Pitch

0.78 mm

0.9 mm

1.25mm

Modules Component

2 Panel

8 Panel

8 Panel

Dimensions (W × H × D)

600 mm × 337.5 mm × 45.6 mm (23.62" × 13.29" × 1.80")

600 mm × 337.5 mm × 35 mm

600 mm × 337.5 mm × 35 mm

Resolution

768 × 432

640 × 360

480 × 270

Area

0.2025 m²

0.2025 m²

0.2025 m²

Weight

6.5 Kg (14.3 lb)

4.5 KG

4.5 Kg

Pixel Density

1638400 dots/m²

1638400 dots/m²

1638400 dots/m²

Lamp Board Housing

No housing

No housing

No housing

Cabinet Material

Die-casting Aluminum

Die-casting Aluminum

Die-casting Aluminum

Maintenance Method

Front & Rear

Front

Front

Cabinet Flatness

0.1 mm

0.1 mm

0.1 mm

Protection Level

Front protection level IP65

Front protection level IP65

Front protection level IP65

White Balance Brightness

600 cd/m²

1000 cd/m²

1000 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 150°, vertical 150°

Horizontal 150°, vertical 150°

Contrast Ratio

15000 : 1

14000 : 1

18000 : 1

Color Uniformity

≤ ± 0.003Cx, Cy

≤ ± 0.003Cx, Cy

≤ ± 0.003Cx, Cy

Brightness Uniformity

≥ 97%

≥ 97%

≥ 97%

Gross Weight

14.5 Kg (32.0 lb)

16.47 Kg

16.47 Kg

Package Dimension (W × H × D)

712 mm × 362 mm × 448 mm (1 Package 4)(28.03" × 14.25" × 17.64")

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712 mm × 362 mm × 448 mm (1 Package 4)(28.03" × 14.25" × 17.64")

Lifespan

Lamp 100,000 hours

Lamp 100,000 hours

Lamp 100,000 hours

Power Supply

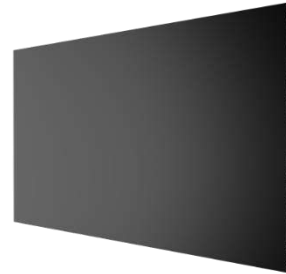
AC100 ~ 240V(50-60Hz)

AC100 ~ 240V(50-60Hz)

AC100 ~ 240V(50-60Hz)

Max. Consumption	≤ 470 W/m ²	≤ 470 W/m ²	≤ 470 W/m ²
Average Consumption	< 157 W/m ²	< 157 W/m ²	< 157 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 13 bits	Up to 13 bits
Display Color	281 trillion	281 trillion	281 trillion
Working Temperature	-10 °C to 40 °C (14 °F to 104 °F)	-10 °C to 40 °C (14 °F to 104 °F)	-10 °C to 40 °C (14 °F to 104 °F)
Working Humidity	10%~80%RH	10%~80%RH	10%~80%RH
Storage Humidity	10%~80%RH	10%~80%RH	10%~80%RH
Storage Temperature	-40 °C to 60 °C (-40 °F to 140 °F)	-40 °C to 60 °C (-40 °F to 140 °F)	-40 °C to 60 °C (-40 °F to 140 °F)

DS-D4207CI-ZWDB



- 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



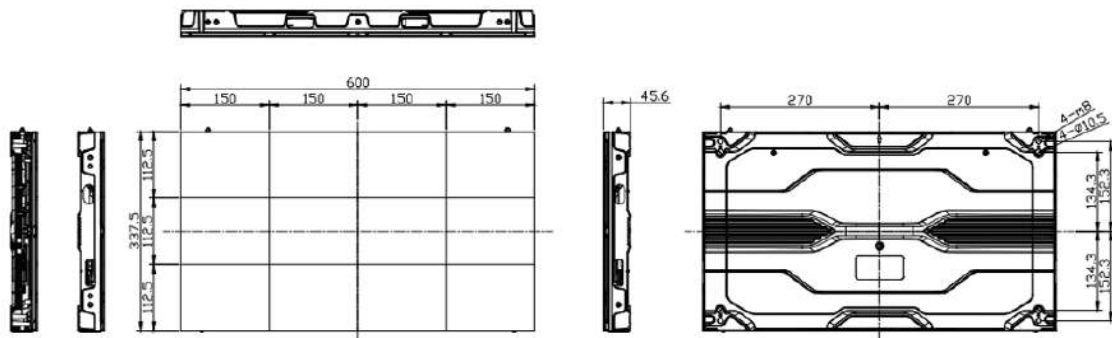
▪ Specification

	Model	DS-D4207CI-ZWDB
Cabinet	Pixel Configuration	Flip COB Chip
	Pixel Pitch Category	P0.7
	Pixel Pitch	0.78 mm
	Modules Component	2 Panel
	Dimensions (W × H × D)	600 mm × 337.5 mm × 45.6 mm (23.62" x 13.29" x 1.80")
	Resolution	768 × 432
	Area	0.2025 m ²
	Weight	6.5 Kg (14.3 lb)
	Pixel Density	1638400 dots/m ²
	Lamp Board Housing	No housing
	Cabinet Material	Die-casting Aluminum
	Maintenance Method	Front & Rear
	Cabinet Flatness	0.1 mm
	Protection Level	Front protection level IP65
Display	White Balance Brightness	600 cd/m ²
	Color Temperature	3000 K to 10000 K adjustable
	Viewing Angle	Horizontal 160°, vertical 160°
	Contrast Ratio	15000 : 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	AC100~240V(50-60Hz)
	Max. Consumption	≤ 470 W/m ²
	Average Consumption	< 157 W/m ²
Working Environment	Working Temperature	-10 °C to 40 °C (14 °F to 104 °F)
	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	14.5 Kg (32.0 lb)
	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

▪ Available Model

DS-D4207CI-ZWDB

▪ Dimension



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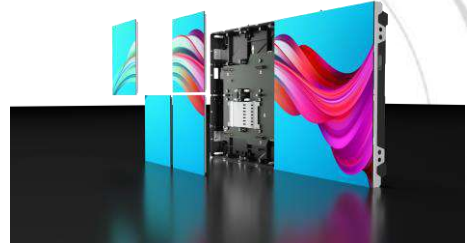
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DS-D4209CI-ZWDH(B) LED Display



- 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.

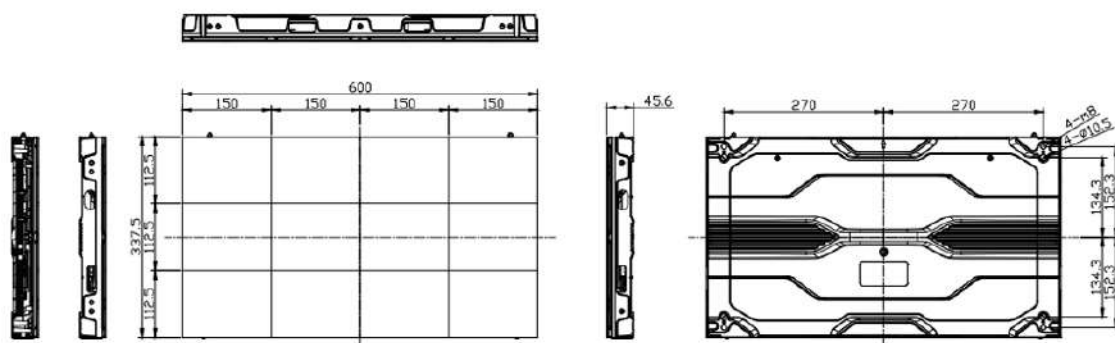
▪ Specification

Model		DS-D4209CI-ZWDH(B)
Cabinet	Pixel Configuration	Flip COB Chip
	Pixel Pitch Category	P0.9
	Pixel Pitch	0.9 mm
	Modules Component	2 Panel
	Dimensions (W × H × D)	600 mm × 337.5 mm × 45.6 mm (23.62" × 13.29" × 1.80")
	Resolution	768 × 432
	Area	0.2025 m ²
	Weight	6.5 Kg (14.3 lb)
	Pixel Density	1638400 dots/m ²
	Lamp Board Housing	No housing
	Cabinet Material	Die-casting Aluminum
	Maintenance Method	Front & Rear
	Cabinet Flatness	0.1 mm
	Protection Level	Front protection level IP65
Display	White Balance Brightness	1000 cd/m ²
	Color Temperature	3000 K to 10000 K adjustable
	Viewing Angle	Horizontal 160°, vertical 160°
	Contrast Ratio	15000 : 1
	Color Uniformity	≤ ± 0.003 Cx, 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	AC 100 to 240 V (50 to 60 Hz)
	Max. Consumption	≤ 470 W/m ²
	Average Consumption	157 W/m ²
Working Environment	Working Temperature	-10 °C to 40 °C (14 °F to 104 °F)
	Working Humidity	10% to 80% RH
	Storage Humidity	10% to 80% RH
	Storage Temperature	-40 °C to 60 °C (-40 °F to 140 °F)
General	Gross Weight	14.5 Kg (32.0 lb)
	Package Dimension (W × H × D)	712 mm × 362 mm × 448 mm (1 Package 4) (28.03" × 14.25" × 17.64")
	Lifespan	Lamp 100,000 hours

▪ **Available Model**

DS-D4209CI-ZWDH(B)

▪ **Dimension**



Unit: mm

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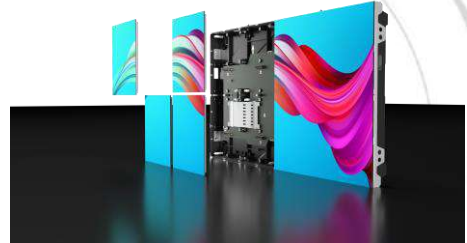
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DS-D4212CI-ZWDH(B) LED Display



- 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.
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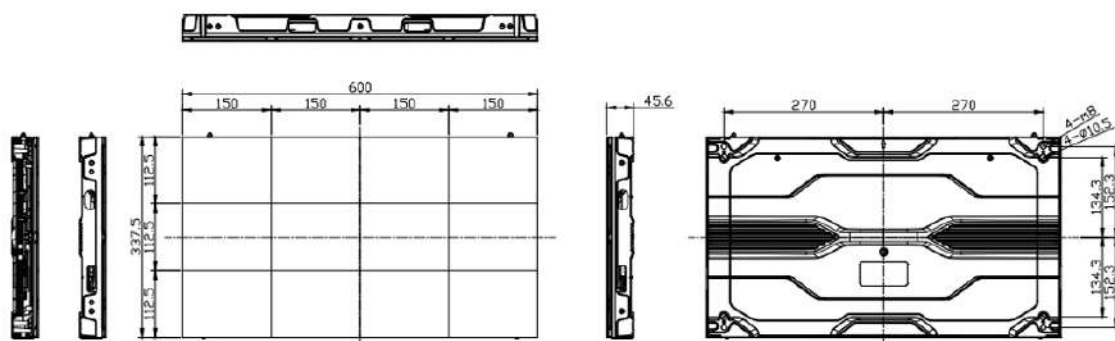
▪ Specification

	Model	DS-D4212CI-ZWDH(B)
Cabinet	Pixel Configuration	Flip COB Chip
	Pixel Pitch Category	P1.2
	Pixel Pitch	1.25 mm
	Modules Component	2 Panel
	Dimensions (W × H × D)	600 mm × 337.5 mm × 45.6 mm (23.62" × 13.29" × 1.80")
	Resolution	768 × 432
	Area	0.2025 m ²
	Weight	6.5 Kg (14.3 lb)
	Pixel Density	1638400 dots/m ²
	Lamp Board Housing	No housing
	Cabinet Material	Die-casting Aluminum
	Maintenance Method	Front & Rear
	Cabinet Flatness	0.1 mm
	Protection Level	Front protection level IP65
Display	White Balance Brightness	1000 cd/m ²
	Color Temperature	3000 K to 10000 K adjustable
	Viewing Angle	Horizontal 160°, vertical 160°
	Contrast Ratio	15000 : 1
	Color Uniformity	≤ ± 0.003 Cx, Cy
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Processing Performance	Driving Method	Constant current driving
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	Grey Level	Up to 16 bit
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	Power Supply	AC 100 to 240 V (50 to 60 Hz)
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Working Environment	Average Consumption	157 W/m ²
	Working Temperature	-10 °C to 40 °C (14 °F to 104 °F)
	Working Humidity	10% to 80%RH
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	Gross Weight	14.5 Kg (32.0 lb)
	Package Dimension (W × H × D)	712 mm × 362 mm × 448 mm (1 Package 4) (28.03" × 14.25" × 17.64")
	Lifespan	Lamp 100,000 hours

▪ **Available Model**

DS-D4212CI-ZWDH(B)

▪ **Dimension**



Unit: mm

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