DS-D4257CO-2APA 960 × 960 6500 nit
P5.7 Outdoor LED Display Unit

- Adopt energy-saving scheme, RGB LED IC power supply accurate distribution, energy consumption reduced by 40%+.

- Well-designed heat dissipation scheme, no air conditioning can deal with high temperature weather.

- Use aviation plug to transmit power and signal between the box, with excellent sun protection and corrosion resistance.

- Adopt aluminum cabinet, splicing flatness is high, weight only 28 kg/pcs.

- Meet CE/CB and other international certification standards, stable and reliable quality.
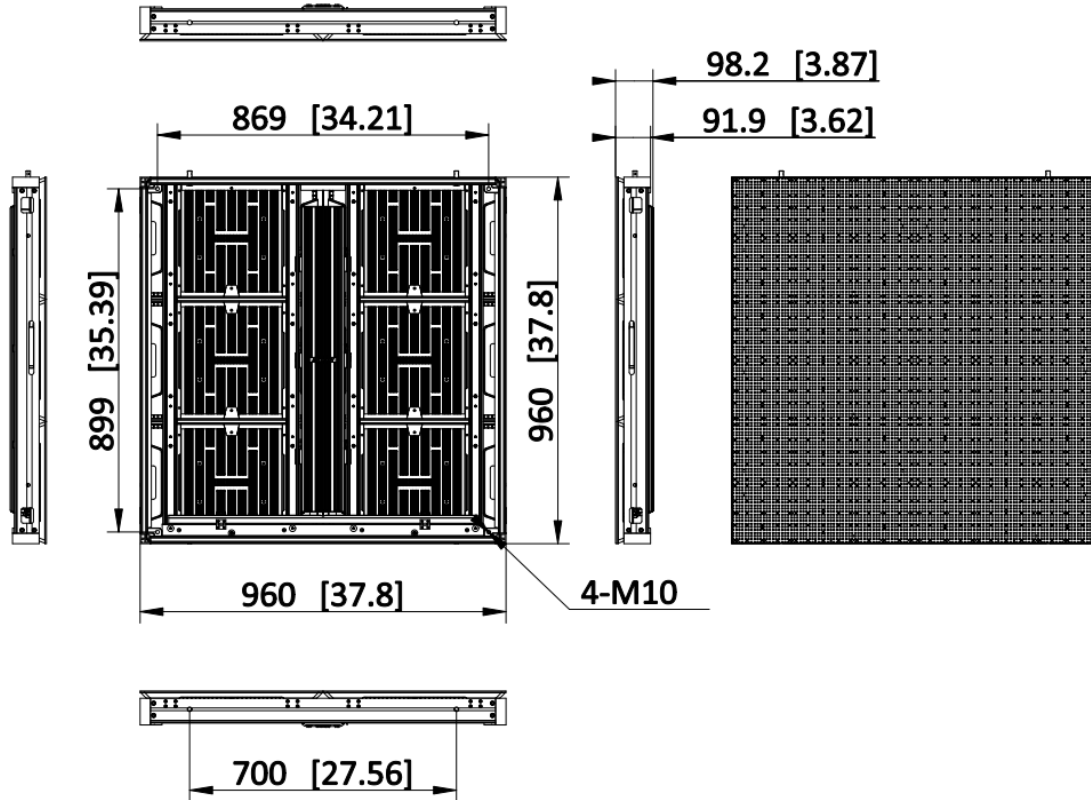
▪ Specification

Cabinet	
Pixel Configuration	SMD Triad LED
Pixel Pitch Category	P5.7
Pixel Pitch	5.71 mm
Modules Component	3 × 2
Dimension (W × H × D)	960 mm × 960 mm × 100 mm (37.80'' × 37.80'' × 3.94'')
Resolution	168 × 168
Area	0.9216 m²
Weight	28 kg (61.73 lb)
Pixel Density	30625 dots/m²
Lamp Board Housing	With housing
Cabinet Material	Aluminium
Maintenance Method	Front/Rear maintenance
Protection Level	IP66
Key Material	
Lamp Encapsulation	2727 (Copper)
Control System	Hikvision
Display	
White Balance Brightness	6500 cd/m²
Color Temperature	9300K adjustable
Viewing Angle	Horizontal 160°, vertical 130°
Contrast Ratio	≥ 8000:1
Color Uniformity	≤ ± 0.003Cx, Cy
Brightness Uniformity	≥ 97%
Processing Performance	
Driving Method	Constant current driving
Frame Frequency	50/60 Hz
Refresh Rate	Up to 3840 Hz
Grey Level	14 bit to 16 bit adjustable
Power	
Power Supply	110 to 220 VAC ± 15%
Max. Consumption	≤ 477 W/m² (6500 nits)
Average Consumption	≤ 160 W/m² (6500 nits)
General	
Gross Weight	30.15 kg/1 in 1 (66.47 lb)
Package Dimension (W × H × D)	1140 (W) mm × 244 (H) mm × 1068 (D) mm (44.88'' × 9.61'' × 42.05'')
Lifespan	Lamp 100,000 hours
Working Environment	
Working Temperature	-40 °C to 60 °C (-40 °F to 140 °F)
Working Humidity	10% RH to 95% RH (No condensation)
Storage Humidity	10% RH to 95% RH (No condensation)
Storage Temperature	-40 °C to 70 °C (-40 °F to 158 °F)

▪ Available Model

DS-D4257CO-2APA

▪ Dimension

869 [34.21]

98.2 [3.87]

91.9 [3.62]

899 [35.39]

960 [37.8]

960 [37.8]

4-M10

700 [27.56]

Unit: mm [inch]

SCALE | 1:3

▪ Accessory

▪ Optional

DS-D42CD-1AAB/R Receiving card for DS-D42XXCD-1AAB	DS-D42-PC Power cable for DS-D42XXCD-1AAB	DS-D42-NC Network cable for DS-D42XXCD-1AAB	DS-D42-PC/NC Power cable and Network cable for DS-D42XXCD-1AAB	DS-D4257CO-2APA/M Module for DS-D4257CO-2APA

MCP400WCD-4.2/3.2 power supply for DS-D42CO-2APA series	DS-D42CO-1APA/H HUB board for DS-D42CO-2APA series

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