DS-D4240CQ42-2BP
P4 Outdoor LED Display Unit

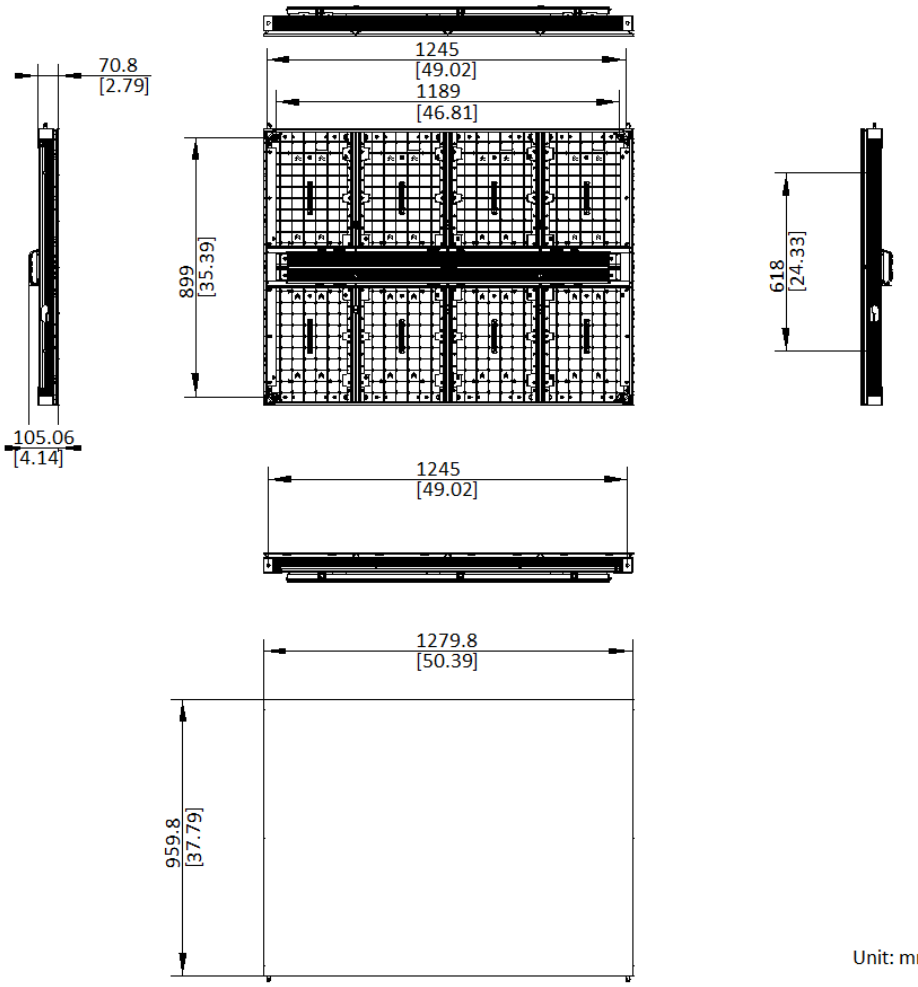


- Use aviation connectors to transmit power and signals between cabinets, with excellent sunlight protection and anti-corrosion properties.
- Features copper bracket lamp beads for high brightness, wide colour gamut, and low power consumption.
- Aluminium profile cabinet ensures high flatness with a weight of merely 30 kg/pcs.
- Complies with multiple international certification standards for stable and reliable quality.
- A well-designed heat dissipation scheme enables operation in high-temperature conditions without air conditioners.

▪ Specification

Cabinet	
Pixel Configuration	SMD Triad LED
Pixel Pitch Category	P4
Pixel Pitch	4.0 mm
Modules Component	2 × 4
Dimensions (W × H × D)	1280 mm × 960 mm × 105 mm
Resolution	320 × 240
Area	1.2288 m²
Weight	30 kg (66.1 lb.)
Pixel Density	62500 dots/m²
Lamp Board Housing	With housing
Cabinet Material	Aluminum Profile
Maintenance Method	Rear maintenance
Protection Level	IP66
Display	
White Balance Brightness	5500 cd/㎡
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	7680 Hz
Grey Level	14~16 bit adjustable
Key Material	
Lamp Encapsulation	1921 (Copper)
Control System	Hikvision
Power	
Power Supply	110~220 VAC ± 15%
Max. Consumption	≤585 W/m² (5500nits)
Average Consumption	≤195 W/m² (5500nits)
Working Environment	
Working Temperature	-30 ℃ to 50 ℃ (-22 ℉ to 122 ℉)
Working Humidity	10%~95%RH (No condensation)
Storage Humidity	10%~95%RH (No condensation)
Storage Temperature	-40 ℃ to 70 ℃ (-40 ℉ to 158 ℉)
General	
Package Dimension (W × H × D)	1410 (W) mm × 210 (H) mm × 1057 (D) mm
Lifespan	Lamp 100,000 hours

▪ Dimension

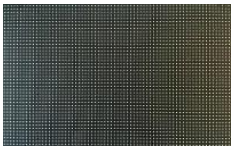


Unit: mm [inch]

SCALE	1:4

▪ Accessory

▪ Optional

DS-D4240CQ42-2B P/M	DS-D42-PC(5 PCS)	DS-D42-NC	DS-D42-PC/NC	VAT-UP500S-4.2
				
DS-D42CQ-2BP/H				



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