



**VISUAL
MAGIC
WORLD**
维曼

PCW4-960x960 Sheet Metal Outdoor Fixed LED Display

Specification



High Contrast Ratio



High Grey Scale



High Refresh Rate



Rear Maintenance



Efficient Heat Dissipation

Technical Parameters

Basic Parameters

Parameter	Value
Pixel Pitch（mm）	4
Pixel Configuration	SMD 3-in-1
Brightness（nits）	≥4000
Grey Scale（bit）	14-16
Refresh Rate（Hz）	1920 / 3840
Frame Rate（Hz）	50 / 60
Driving Method	Constant Current Drive (1/10)
Viewing Angle（V/H°）	140/140
Color Temperature（K）	2000-9500
Brightness/Chromaticity Uniformity	98%
Contrast Ratio	5000:1
Module Size（mm）	320×160
Module Resolution（W×H）	80×40
Pixel Density（dot/m ² ）	62500
Module Weight（kg）	1.5

Cabinet Parameters

Parameter	Value
Cabinet Assembly (W×H)	3×6
Cabinet Resolution (W×H)	240×240
Cabinet Size (mm)	960×960
Cabinet Weight (kg)	25±1
Cabinet Flatness (mm)	≤0.2
Maintenance Method	Rear Maintenance
Cabinet Material	Sheet Metal
Protection Level	IP65
Maximum Power Consumption (W/m ²)	≤720
Average Power Consumption (W/m ²)	≤280
Power Supply Requirement	AC100V—240V, 50Hz~60Hz
Life Time (hrs)	≥100000
Operating Temperature (°C)	-20°C~+50°C
Storage Temperature (°C)	-20°C~+55°C
Operating /Humidity (RH)	10%RH~90%RH
Storage Humidity (RH)	10%RH~95%RH

 **Note:** The above specification parameters are reference values. The actual use may be slightly different due to product batch differences, configuration differences and operating environment. The actual use shall prevail.