



**VISUAL
MAGIC
WORLD**
维曼

PCW3.076-960x960 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）	3.076
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 (1/13)
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）	104×52
Pixel Density（dot/m ² ）	105685
Module Weight（kg）	1.5

Cabinet Parameters

Parameter	Value
Cabinet Assembly (W×H)	3×6
Cabinet Resolution (W×H)	312×312
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.