



**Rocket Science
Technologies**



TraffiVue XN COB P0.9

Total Vision, Total Control



Free and
Seamless Splicing



Ultra High
Refresh Rate



Wide
Viewing Angle



Superior
Contrast Ratio



Excellent Heat
Dissipation



Quick
Response Time



High
Brightness



Wide Color
Gamut



More
Color Depth

Data Sheet - v1.1 - 2025

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TraffiVue XN COB P0.9 is a cost efficient indoor fine pitch LED display with cabinet aspect ratio of 16:9. XN adopts adjustable connectors to minimize the use of cables for more stable and better performance. XN comes with a high refresh rate, high contrast ratio and a wide viewing angle. This series is fully front serviceable and comes with a long LED lifetime.



Features

- **COB Technology**
 - COB Technology makes it effortless to achieve ultra-high-definition display.
- **Ultimate Value**
 - Unparalleled cost-performance ratio
 - Significantly reduces Total Cost of Ownership (TCO)
- **Extreme Energy Efficiency**
 - Precision-optimized circuitry & display technology
 - 45% lower power consumption vs. comparable products
- **Cool Screen**
 - Surface temperature lower than body perception
 - $\leq 34^{\circ}\text{C}$ during operation
- **Effortless Maintenance**
 - Front-access maintenance design
 - Streamlined and efficient servicing
- **Eye Wellness Protection**
 - Surface light source technology
 - Low Blue Light

**Product information is subject to change without prior notice.*

TraffiVue XN COB P0.9

Module	Pixel Pitch Exhibited (mm)	0.93
	Unit plate size (mm)	150×168.75
	LED Type	COB (Flip Chip)
	Module Size (W×H)	150×168.75
	Pixel Per Module (dots)	160×180
	Module Weight (kg)	0.2
	Drive Type	1/45
	Module Maintenance	Front
	Module IP Rating (Front)	IP65
	Environment	Indoor
Panel	Panel Size (mm)	600×337.5×37 / 600×675×37
	Pixel Per Panel (dots)	640×360 / 640×720
	Weight (kg/panel)	4.6 / 8.5
	Material	Die cast aluminium
	Correction	Yes, the data is stored on the module.
	Brightness uniformity	≥97%
	Chromaticity uniformity	Within 0.003Cx,Cy
	Brightness (nits)	800
	Gray scale (bit)	14
	Refresh rate (Hz)	7680
	Color Temperature (K)	3200~9300
	Viewing angle (H)	170°
	Viewing angle (V)	160°

Application	AC Operating Voltage (V)	100~240
	AC Input Frequency (Hz)	50/ 60
	Power Max. (W/m ²)	190
	Operating Temperature (°C)	-10~+45
	Operating Humidity(RH)	10%~90%
	Storage Temperature (°C)	-20~+65
	Storage Humidity(RH)	10%~90%
	Power Double Backup	Optional
	Receiving card dual backup	Optional
	Installation/Maintenance	Front
	Certification	BIS, IP

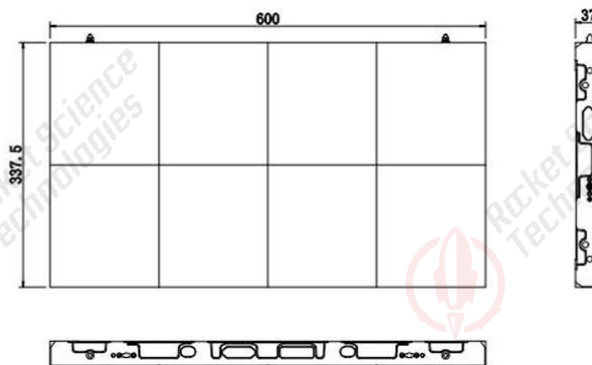
* Remark: Power consumption tolerance:±15%, according to the actual situation.

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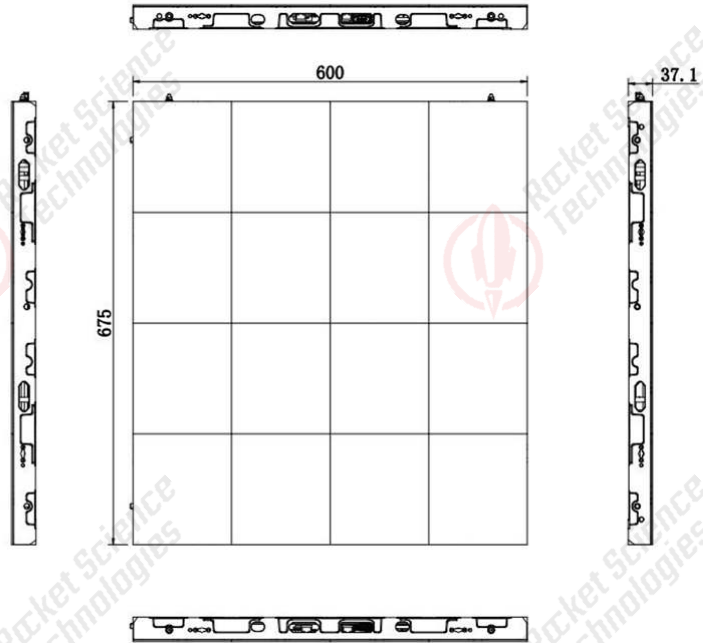
Physical Specifications

Standard Cabinet Dimensions (W x H x D)	600 mm x 337.5 mm x 37 mm
Large Cabinet Dimensions (W x H x D)	600 mm x 675 mm x 37.1 mm

Standard Cabinet



Large Cabinet



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