



**Rocket Science
Technologies**



Picture for reference only, subject to actual product.

RS750G - 75" Splicing Screen

Video Wall Solutions for Highways, Smart Cities & Control Rooms

Data Sheet - v1.0 - 2025

Rocket Science Technologies offers advanced **Video Wall Solutions** designed specifically for **highway traffic management, smart city command centers, and mission-critical control rooms**. These solutions provide operators with a **seamless, high-resolution visual platform** to monitor real-time data, CCTV feeds, and ITS dashboards.

Our video walls are built on **industrial-grade LED and LCD display technologies**, delivering:

- **24×7 reliability** for continuous operations in traffic and security environments.
- **Ultra-narrow bezel or bezel-free LED** options for uninterrupted, immersive visuals.
- **High brightness and contrast ratios** ensuring clarity in any lighting condition.
- **Flexible scalability** to create walls of any size and layout, from compact 2×2 arrays to expansive control room installations.

Whether deployed in **Expressway Command & Control Centers, Smart City ICCCs, Airport & Railway Operation Rooms, or Security Surveillance Hubs**, our offered solutions combine:

- **Seamless display technology (LCD/LED)**
- **Powerful video wall controllers** (real-time processing, multi-source inputs, redundancy)
- **Smart calibration and energy-efficient design**

Together, they enable **total vision and total control** – empowering operators to make faster, more informed decisions in **traffic management, safety monitoring, and emergency response**.

Technical Specifications

Display	LCD Size	75"
	Backlight Type	D-LED
	Resolution	3840 x 2160 (pixels)
	Brightness	500 cd/m ² (typ.)
	Contrast Ratio	4000:1 (typ.)
	Response Time	8 ms (typ.)
	Aspect Ratio	16:9
	Refreshing Frequency	60 Hz
	Viewing Angle	89° / 89° / 89° / 89°
	View Area(mm)	1649.664 (H) x 927.936 (V)

	LCD Size	75"	
	Display Colors	16.7M (8-bit)	
Electronics	Power Requirements	AC 200V ~ 240 V, 50/60 Hz	
	Power Consumption	< 260 W (MAX)	
	Standby Consumption	< 0.5 W (MAX)	
Interfaces	HDMI IN	x1	(Max Resolution: 3840x2160 @ 30Hz)
	DVI IN	x1	DVI (Max Resolution: 1920x1080 @ 60Hz)
	VGA IN	x1	1920x1080 @ 60HZ Interface:DB15
	DP IN	x1	(Max Resolution: 3840x2160 @ 60Hz)
	RS232 IN	x1	Interface: RJ45
	RS232 OUT	x2	Interface: RJ45
	USB IN	x1	Software upgrade; Multimedia playing
Usage Environment	Working Temp. (°C)	0°C ~ 50°C	
	Storage Temp. (°C)	-20°C ~ 60°C	
	Storage Humidity	10% ~ 90% RH Non-Condensing	
	Working Humidity	20% ~ 90% RH Non-Condensing	
	Display Mode	Standard, Gentle, User, Bright	
	Max. Using Time	24 hours * 7 days	
	Working Temp. (°C)	0°C ~ 50°C	
Structure	Body Size (W x H x T)	1666.24 * 945.96 * 135.00 mm	
	Glass thickness	4 mm	
	Package Size (L x W x H)	1770 * 185 * 1050 mm	
	Housing Color	Black	
	Physical Frame Bezel	4 mm	
	Fixed Hole	16-M5 Screw hole	
	Net Weight	~ 47.2	
	Gross Weight	~ 56.5 kg	

* Product information is subject to change without prior notice.