



Built to Be Seen — Even in the Brightest Aisle

Enhanced Brightness 4K Line-up from 43" to 86"

— 700 to 800 nits for Uncompromised Retail Visibility

Key Features



Enhanced Brightness (700 / 800 nits)

Consistent visibility even in bright environments and near-window locations



4K UHD Across All Sizes

Crisp text, vivid imagery, and smooth video playback



Direct LED Backlight, 50,000h

Durable design optimized for continuous operation at enhanced brightness levels



25% Haze Non-glare (75", 86")

Reduced reflections and enhanced readability in large-scale and public spaces



Android 14 Smart Platform

Scalable operations powered by CMS PlayWizard, RMS, and OTA updates



24/7 Commercial-Grade Durability

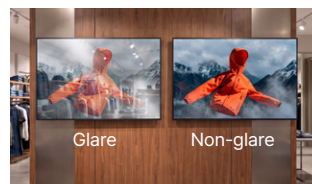
Proven commercial reliability built on Samsung's manufacturing excellence

Why SOLUM Professional Display

- **Uncompromised Visibility:**
Clear messaging in bright environments.
- **Reliable 24/7 Operation:**
Direct LED backlight, 50,000-hour lifespan, and 24/7 commercial-grade reliability.
- **Scalable Remote Operation:**
Centralized remote management of content and devices across multiple locations via CMS/RMS and OTA updates.
- **Cost-Efficient TCO**
Lower total cost of ownership through competitive pricing and energy-efficient design.

Use Cases

Bright storefronts | Window-facing displays | Wayfinding | Menu boards | Airport & transit | Large-format brand walls



SPECIFICATIONS

							
		43"	50"	55"	65"	75"	86"
Display	Resolution	3840 × 2160 (UHD)					
	Aspect Ratio	1.77 (16:9)					
	Brightness	700 nits	700 nits	700 nits	800 nits	800 nits	800 nits
	Contrast Ratio	4000:1	1200:1	4000:1	4000:1	4000:1	4000:1
	Active Area	941 × 529 mm (37 × 21 in)	1,096 × 616 mm (43 × 24 in)	1,210 × 680 mm (48 × 27 in)	1,428 × 804 mm (56 × 32 in)	1,650 × 928 mm (65 × 37 in)	1,895 × 1,066 mm (75 × 42 in)
	Non-glare (Haze)	-	-	-	-	25%	25%
	Panel Type	VA	IPS	VA	VA	VA	VA
	Color Gamut	DCI-P3 95%					
	Color Gamut(sRGB)	99%					
	Back Light Type	Direct LED					
	Backlight Lifetime	50,000 hours					
	Orientation	Landscape / Portrait					
System	Operating System	Android 14					
	Processor	MediaTek MT9679 (Quad-core), 2GB RAM / 16GB Storage					
	Memory	2 GB DDR4 (Optional: 4 GB)					
	Storage	16 GB eMMC (Optional: 32 GB)					
	Network	RJ45 Ethernet, Wi-Fi (2.4/5 GHz), Bluetooth					
	Connectivity	HDMI: In x3 / USB: 2.0 x1, 3.0 x1 / Serial: RS-232 x1					
Mechanical	Dimension (W × H × D)	971 × 560 × 70 mm (38 × 22 × 3 in)	1,123 × 644 × 69 mm (44 × 25 × 3 in)	1,238 × 709 × 70 mm (49 × 28 × 3 in)	1,458 × 832 × 69 mm (57 × 33 × 3 in)	1,679 × 957 × 69 mm (66 × 38 × 3 in)	1,929 × 1,099 × 69 mm (76 × 43 × 3 in)
	VESA Mount (mm)	300 × 300	400 × 300	400 × 400	500 × 500	500 × 500	700 × 500
	Weight	8.4 kg (18.5 lbs)	11.4 kg (25.1 lbs)	13.4 kg (29.5 lbs)	18.4 kg (40.6 lbs)	27.9 kg (61.5 lbs)	41.0 kg (90.4 lbs)
	Bezel Width	12.8 (Even)	12.8 (Even)	12.8 (Even)	12.8 (Even)	12.8 (Even)	13.9 (Even)
Power	Power Supply	AC 100–240V, 50/60Hz, Standby ≤ 0.5W					
	Power Consumption	163 W(Max.), 90 W(Typ.)	209 W(Max.), 115 W(Typ.)	218 W(Max.), 117 W(Typ.)	290 W(Max.), 159 W(Typ.)	363 W(Max.), 205 W(Typ.)	425 W(Max.), 225 W(Typ.)
Environmental	Operating Condition	0–40°C, 20–80% RH, 24/7 Duty Cycle					
	Operating Hours (Duty Cycle)	24/7					
	IP Rating	IP5X					
Management		PlayWizard, OTA (Firmware / App), RMS					