HiSeaVis Indoor LOGO LED Display

CL2.5 Product Specification V1.0

Physical Parameters	Pixel Configuration	1R1G1B
	LED Type	SMD2020
	Pixel Pitch	2.5mm
	Module Size	250×500mm (Display dia. 500mm, Frame dia. 540mm)
	Module Resolution	100×200 dots (Full screen 200×200 dots)
	Pixel Density	160000 dots/m²
	Flatness	Adjacent pixel gap ⩽0.5mm; module seam ⩽0.5mm
	Unit Weight	9 kg/unit
Electronic Parameters	Gray Scale	12-16 bit
	Driving Type	1/50 scan
	Refresh Rate	3840 Hz
	Frame Rate	⩾60 Hz
	Content Publishing	Cloud platform / USB / WiFi / 4G
Optical Parameters	White Balance Brightness	⩾800 cd/m²
	Display Colors	⩾16.7M colors, up to 281 trillion
	Horizontal Viewing Angle	⩾120°
	Vertical Viewing Angle	⩾120°
	Optimal Viewing Distance	⩾3 m
	Brightness Adjustment	256-level software / 16-level auto
	Dead Pixel Rate	⩽1/10,000
Electrical Parameters	Input Voltage	AC 220V±15%
	Input Power Frequency	50Hz±2Hz
	Power Consumption (Max / Avg)	approx. 100 W/unit
Environmental Parameters	Operating Temperature	-20°C~+60°C
	Operating Humidity	10%~95%RH
	LED Lifetime	⩾100,000 hours
	Continuous Operating Time	>72 hours
	MTBF	>100,000 hours
Installation	Maintenance Mode	Front Maintenance
	Certification	CCC / CE / RoHS / FCC / ETL / UL

Note: Specifications are subject to change due to product upgrades; the actual product shall prevail.