

DESAY



iSlim Series

Ultra-Thin Indoor LED Display

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Specifications

Parameter	Unit	iSlim1.2	iSlim1.5	iSlim1.9	iSlim2.6	iSlim2.9	iSlim3.9
Pixel pitch	mm	1.25	1.563	1.953	2.604	2.976	3.906
Brightness	nits	800	800	800	1000	1000	1000
Pixel configuration	R/G/B	SMD 3 in 1					
Color temperature	K	6500					
Viewing angle-Horizontal (50% brightness)	Deg.	140 (+70/-70)					
Viewing angle-Vertical (50% brightness)	Deg.	140 (+70/-70)					
Recommended minimum viewing distance	m	1.2	1.5	2	2.6	3	4
Panel width	mm	500					
Panel height	mm	500			500/1000		
Panel depth	mm	40					
Panel area	m²	0.25/0.5					
Panel material		Die-cast Aluminum					
Panel weight	Kg	5.7			5.7/11		
Ingress protection (front/back)	IP	30/30					
Pixel matrix per panel		400×400	320×320	256×256/256×512	192×192/192×384	168×168/168×336	128×128/128×256
Brightness control		255					
Gray scale	bit	14					
Frame rate	Hz	50/60					
Display refresh rate	Hz	3840/7680					
Input voltage	VAC	100 ~ 240					
Input power frequency	Hz	50 ~ 60					
Power Consumption (Max.)	W/m²	450±10%	550±10%	550±10%	500±10%	500±10%	480±10%
Power Consumption (Avg.)	W/m²	157±10%	192±10%	192±10%	175±10%	175±10%	168±10%
Operating temperature range	°C	-10 ~ +40					
Lifetime (50% brightness)	Hours	100,000					

Features

- Ultra-slim design: only 40mm depth
- Full front-service access, ideal for wall-mounted installation
- Hidden cable routing for a neat rear appearance
- Lightweight cabinets: 5.7kg (500×500mm) / 11kg (500×1000mm)
- Supports 90° corner splicing
- Dual safety protection: module fuses + isolated power supplies
- Cabinet dimensions: 500×500mm / 500×1000mm
- Compatible with 40×40mm & 40×80mm aluminum profiles
- Double-sided mounting design with a total depth of only 80mm
- Versatile installation options: poster stacking, wall-mounting, hanging installation, ground mounting
- Optional upgrades: mask, PCB ink injection, GOB, Nano coating
- Custom creative splicing for banner, pillar, cube and irregular-shaped displays



Wall-Mounted



LED Poster



Double-Sided Screen



Extrusion-Based Stacking Frame