

Specifications

Model		IW008J	IW012J	IW016J
Physical Parameter	Pixel Pitch	0.84 mm	1.26 mm	1.68 mm
	Pixel Configuration	1 red, 1 green, 1 blue	1 red, 1 green, 1 blue	1 red, 1 green, 1 blue
	Configuration (LxH, per cabinet)	960 x 540 pixels	640 x 360 pixels	480 x 270 pixels
	Diode Type	Flip-chip RGB LED	Flip-chip RGB LED	Flip-chip RGB LED
	Dimensions (mm, LxHxD, per cabinet)	806.4 x 453.6 x 72.2 mm	806.4 x 453.6 x 72.2 mm	806.4 x 453.6 x 72.8 mm
	Dimensions (inch, per cabinet)	36.4 x 2.8 inch	36.4 x 2.8 inch	36.4 x 2.9 inch
	No. of Modules (WxH, per cabinet)	4 x 3	4 x 3	4 x 3
Weight (per cabinet/per m ²)	12.5 kg / 34.2 kg	12.2 kg / 33.4 kg	12.5 kg / 34.2 kg	
Optical Parameter	Brightness (Peak/Max)*	1,600 nit / 500 nit	1,600 nit / 800 nit	1,400 nit / 1,000 nit
	Contrast Ratio (Peak/Max)	10,000 : 1	10,000 : 1	10,000 : 1
	HDR Compatibility	LED HDR / HDR10+ support / Multi-link HDR	LED HDR / HDR10+ support / Multi-link HDR	LED HDR / HDR10+ support / Multi-link HDR
	Viewing Angle (H/V)	155° / 140°	160° / 140°	160° / 140°
	Bit Depth	16 bit (Internal processing 20bit)	16 bit (Internal processing 20bit)	16 bit (Internal processing 20bit)
	Calibration	D Gamma / Pixel to Pixel / Module to Module / Quality Mode	D Gamma / Pixel to Pixel / Module to Module / Quality Mode	D Gamma / Pixel to Pixel / Module to Module / Quality Mode
	Color Temperature - Default	6,500K ± 500K (Floating bin)	6,500K ± 500K (Floating bin)	6,500K ± 500K (Floating bin)
Color Temperature - Adjustable	2,800K ~ 10,000K (using S-Box)	2,800K ~ 10,000K (using S-Box)	2,800K ~ 10,000K (using S-Box)	
Electrical Parameter	Video Rate	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz
	Input Power Range	100~240 VAC, 50/60 Hz	100~240 VAC, 50/60 Hz	100~240 VAC, 50/60 Hz
	Power Consumption - Max	475.7 (W/m ²) / 174 (W/Cabinet)	410.1 (W/m ²) / 150 (W/Cabinet)	344.5 (W/m ²) / 126 (W/Cabinet)
	Power Consumption - Typ	355 (W/m ²) / 130 (W/Cabinet)	328 (W/m ²) / 120 (W/Cabinet)	232 (W/m ²) / 85 (W/Cabinet)
	Heat Generation - Max	1,623.1 (BTU/m ²) / 593.7 (BTU/Cabinet)	1,399.2 (BTU/m ²) / 511.8 (BTU/Cabinet)	1,175.4 (BTU/m ²) / 429.9 (BTU/Cabinet)
	Heat Generation - Typ	1,213 (BTU/m ²) / 444 (BTU/Cabinet)	1,120 (BTU/m ²) / 410 (BTU/Cabinet)	793 (BTU/m ²) / 290 (BTU/Cabinet)
Operational Parameter	Refresh Rate	3,840 Hz	3,840 Hz	3,840 Hz
	Power Redundancy	Yes	Yes	Yes
	Working Temperature / Humidity	0°C~+40°C / 10%~80%RH	0°C~+40°C / 10%~80%RH	0°C~+40°C / 10%~80%RH
	Storage Temperature / Humidity	-20°C~+45°C / 5%~95%RH	-20°C~+45°C / 5%~95%RH	-20°C~+45°C / 5%~95%RH
	IP Rating	IP20	IP20	IP20
Connectivity	LED Lifetime	100,000 hours	100,000 hours	100,000 hours
	Connectivity	HDBT	HDBT	HDBT
Certification	Certification	EMC Class B, Safety 60950-1	EMC Class B, Safety 60950-1	EMC Class B, Safety 60950-1
Service	Service	Front	Front	Front
Features	Operating System	Tizen	Tizen	Tizen
	MagicINFO	Yes	Yes	Yes

Size chart

