

IPS040 Specifications



Key Features

- Indoor applications
- Modules are 64x72 matrices
- Multiple communications options
- Made of only the highest quality LEDs
- Manufactured in the United States
- Multiplexed

Specifications

Physical	Pixel Pitch	4.1275mm (.1625") centers
	Pixel Configuration	1 red, 1 green, 1 blue
	Pixel Density	58,698 m ² / 5,453 ft ²
	Diode Density	176,094 m ² / 16,359 ft ²
	Module Configuration	64x72 pixels
	Diode Type	Surface Mount Device (SMD)
	Module Dimensions (LxH)	264x297mm / 10.39"x11.69"
	Module Weight	0.52kg / 1.15 lbs
	Cabinet Construction	All aluminum construction

Electrical	Video Rate	60 frames per second
	Animation Rate	60 frames per second
	Video Processing	24 bit, 100% digital, no compression
	Color Processing	16 bit per color (48 bit total)
	Input Power Range	120/240 volts, 50/60 Hz
	Refresh rate	10,500hz
	Scan Rate	9:1 (Multiplexed)
	Calibration	Pixel to pixel - Module to module
	Calibration White Point	D65 - 6500K
	Calibration Standards	REC 709, REC 2020 or Max Gamut

Optical	Brightness	2,000 nit
	Contrast Ratio	15000:1
	Viewing angle - Horizontal	160° (+/- 80°)
	Viewing angle - Vertical	160° (+/- 80°)
	Number of colors	281 trillion colors
	Gray Scale Intensity	65,536 levels of red, green, and blue
	Dimming Capability	8 bit (256 levels of brightness)
	Color temperature - Default	6,500K
Color temperature - Adjustable	4,500 - 9,000K	

Operational	Working Temperature	-32°C to 55°C / -30°F to 131°F
	Cooling	Quiet running vent fans
	Weather Proofing	IP56
	LED Lifetime (1/2 brightness)	100,000 hours
	Certification	CE, UL / ULC listed
	Service	Front Service and/or Rear Service

