LEDIGAMI
Architectural Lighting Solution

LED VIDEO SCREEN
Fine Pixel Pitch Series

Introduction

LEDIGAMI Fine Pixel Pitch Series designed according to ergonomics, 16:9 ratio, 2k, 4k, 8k large screen for perfect viewing experience. Front serviceable module make it easy to help this panel looking good all the time. These panels are ideal to application areas such as shopping malls, hotel lobbies and exhibition halls.

Features

- ✦ Field installation friendly
- ✦ Cost effective
- ✦ Time saving during assembly
- ✦ Excellent video quality
- ✦ Suitable for indoor applications

Certifications

- ✦ CE
- ✦ RoHS

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Product Specifications

Product Name		P1.27 LED Screen	P1.58 LED Screen	P1.9 LED Screen	P2.57 LED Screen
Picture/ display	Brightness (nits) Typical	800 nits	800 nits	800 nits	800 nits
	Brightness (nits) Maximum	1000 nits	1000 nits	1000 nits	1000 nits
	LED type	Black SMD (Gold bonding wire)			
	Panel resolution (pixels)	480(W) x 270(H)	384(W) x 216(H)	320(W) x 180(H)	240(W) x 135(H)
	Pixel density	620,001/m^2	400,576/m^2	277,008/m^2	151,402/m^2
	Viewing angle	H: 130 degree	H: 130 degree	H: 130 degree	H: 130 degree
		V: 120 degree	V: 120 degree	V: 120 degree	V: 120 degree
	Optimal viewing distance	>1.27m	>1.58m	>1.9m	>2.57m
	Pixel pitch physical	1.27mm	1.58mm	1.9mm	2.57mm
	Color temperature (Adjustable)	7000K±500			
	Refresh rate (Adjustable)	3600Hz (MBI5153 IC)			
	Grey scale (bit)	16bit (depending on the system and IC configuration)			
Environmental	Operating temperature	-20°C to +45°C	-20°C to +45°C	-20°C to +45°C	-20°C to +45°C
		10% - 80% RH	10% - 80% RH	10% - 80% RH	10% - 80% RH
	Ingress protection (Front/Back)	IP43/43	IP43/43	IP43/43	IP43/43
	LED lifetime (hours)	>50,000 hrs	>50,000 hrs	>50,000 hrs	>50,000 hrs
Power	Mains input (V)	100V - 240V	100V - 240V	100V - 240V	100V - 240V
	Power consumption	Max. 716W/m^2	Max. 716W/m^2	Max. 620W/m^2	Max. 478W/m^2
	Average power consumption	358W/m^2	358W/m^2	310W/m^2	239W/m^2
Physical	Panel dimensions	609.92 x 343.08 x 80 mm	400 x 300 x 80 mm	609.92 x 343.08 x 80 mm	609.92 x 343.08 x 80 mm
	Weight	48 kg/m^2	48 kg/m^2	48 kg/m^2	48 kg/m^2
	Service Method	front / rear	front / rear	front / rear	front / rear
Control system	Communication cable	CAT5	CAT5	CAT5	CAT5
	Transmit distance	100m	100m	100m	100m
	Video input	DVI	DVI	DVI	DVI

** All specifications are subjected to change without notice.