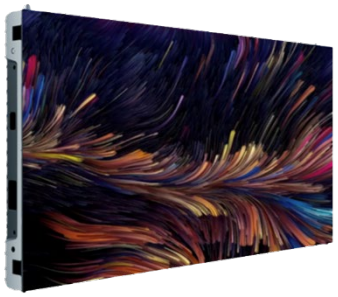
PRELIMINARY

TRAXON Go

Media Screen Go Indoor

Project: _____

Type: _____



P0.9/1.2/1.5mm Pitch
Indoor COB RGB Module

Traxon Media Screen Go Indoor series is an advanced indoor LED screen designed for vibrant and dynamic visual experiences. Featuring ultra-high resolution, outstanding brightness, and energy-efficient technology. Ideal for indoor installations, the Media Screen Go Indoor series offers a durable design and easy setup, making it perfect for new retail experiences, advertising, events and public information.

Technologies

- Modular design
- High Resolution

Features

- COB LED
- High resolution
- IP Rating: IP65(Front)

Media Screen Go Indoor

Specifications

Product Specifications

Model	Indoor-0.9	Indoor-1.2	Indoor-1.5
Pixel Pitch(mm)	0.9375	1.25	1.5625
Pixel Configuration		COB (1R1G1B) LEDs	
Brightness (cd/sqm.)		600	
Pixel Density (dot/m²)	1,137,777	640,000	410,914
Cabinet Size (L x W x D)mm		600 x 337.5 x 35	
Cabinet Resolution (dots)	640 x 360	480 x 270	384 x 216
Cabinet Weight (kg)		5	
Cabinet Material		Aluminium	
Refresh Rate (Hz)		3,840	
Gray Scale (bit)		14	
Regulatory Listing & Safety Approval		*CE	
Operating Temperature (°C)		-10℃ ~ 40℃	
Operating Humidity (RH%)		10-95	
IP Rating		IP65(Front)	

Electrical Specifications

Input Voltage	AC 100 – 240V, 50/60Hz
Max. Power Consumption	320W/m²
Average Power Consumption	110W/m²
Lumen Maintenance	L70 100,000hrs @ 25°C

System Specifications

Control Mode	Synchronous display with e:cue / control PC by HDMI
Support Input	HDMI, HD-SDI

Note: Items with * are non-standard items and are available on request. Specification is subject to change due to continuous improvement.

LED CHARACTERISTICS Because LEDs are semiconductor devices, their performances are subject to inherent variability commonly found in semiconductor industry. To improve consistency in performance across the same product, LED manufacturers "sort" LEDs into bins according to different preset parameters, such as forward driving voltage, illumination, etc. Whereas binning is a sorting function, it is not a correction process. Inherent variability in the manufacturing process results always in different binning distributions according to different production lots. Traxon uses automatically binned LEDs on its products, thereby minimizing output variations within the model range.

As with all electronic devices, LED output degrades over time – a term called lumen depreciation. This also explains why it is nearly impossible to expect photometric performances of two LED products with different service life spans to be the same. The rate of LED degrade is a complicate function of many factors such as operating efficiency, duration of continuous operation, and more significantly, environmental conditions (ambient temperature for example). If allowed working under optimal operating temperature range and with good ventilation, LED devices enjoy long service lives over conventional light sources. When using/installing LED devices, care should be taken to ensure that the devices will operate within the operating conditions specified in respective product literature.

Lumen measurement compiles with LM-79-08 standard.
Lumen maintenance is calculated based on LM-80 compliant measurement.

Media Screen Go Indoor

System Diagram

Overview System Diagram