

# HKS II Series

## INDOOR FINE PITCH LED DISPLAY



## Overview of HKS II Series

HKS II was designed to be compatible with the LCH II module (320x160mm) which serves as its corresponding accessory. The new Type-C connector lets power and data in one cable for high speed transmission and more stable. With such a highly integrated design we bring HKS II and LCH II together to simplify the installation easier than ever, which is ideal for extensive applications.

### KEY FEATURES



High-strength aluminum alloy display cabinet, resistant to deformation



Higher grayscale of 18bit for showing more delicate image details



Modular design with simplified structure details for highly integration



Data & power 2in1 Type-C cables for modules connection



Higher refresh rate of 4800Hz for supporting HDR display



Ultra wide color gamut for bringing you true-to-life color quality

# PRODUCT PARAMETER



Item	HKS1 II	HKS1.2 II	HKS1.5 II	HKS1.8 II	HKS2 II	HKS2.5 II
LED Configuration	SMD	SMD	SMD	SMD	SMD	SMD
Pixel Pitch (mm)	1	1.25	1.53	1.86	2	2.5
Module Resolution (WxH)	320 x 160	256 x 128	208 x 104	172 x 86	160 x 80	128 x 64
Module Dimension (WxH, mm)	320 x 160					
Module Weight (Kg)	0.61 (Containing Magnets)					
Module Composition (WxH)	2 x 3					
Cabinet Resolution (WxH)	640 x 480	512 x 384	416 x 312	344 x 258	320 x 240	256 x 192
Cabinet Dimension (WxHxD, mm)	640 x 480 x 64 (Including module) / 640 x 480 x 53 (not including module)					
Cabinet Area (m <sup>2</sup> )	0.3072					
Weight (kg/cabinet; kg/m <sup>2</sup> )	6.5; 21.16					
Pixel Density (Point/m <sup>2</sup> )	1000000	640000	422500	288906	250000	160000
Flatness (mm)	0.15	0.15	0.15	0.15	0.15	0.15
Brightness (nits)	≥550	≥550	≥500	≥500	≥500	≥650
Color Temperature (K)	3000-15000 Adjustable					
Horizontal Viewing Angle (°)	160					
Vertical Viewing Angle (°)	140					
Deviation of LED luminance Center	<3%					
Brightness Uniformity	≥97%					
Chromaticity Uniformity	±0.003Cx,Cy Within					
Contrast Ratio	8000:1					
Max. Power Consumption (W/cabinet; W/m <sup>2</sup> )	150; 490					
Avg. Power Consumption (W/cabinet; W/m <sup>2</sup> )	50; 165					
Input Voltage (V)	AC100~240V					
Power Supply Configuration	M16 Controller Box					
Drive Mode	Constant Current Drive 54S	Constant Current Drive 64S	Constant Current Drive 52S	Constant Current Drive 43S	Constant Current Drive 40S	Constant Current Drive 32S
Frame Rate (Hz)	50&60					
Grayscale Level (bit)	14-18bit					
HDR Support Type	Unsupported			HDR10		
Refresh Rate	≥4800					
Lifetime (hrs)	100,000					
Front IP Rating	IP61					
Rear IP Rating	IP41					
Operating Temperature (°C)	-10~40					
Storage Temperature (°C)	-20~60					
Operating Humidity (RH)	10 - 80% RH no condensation					
Storage Humidity (RH)	10 - 85% RH no condensation					

Remark: Above data is subject to change without prior notice.

**innoleader**

2129-11871 Horseshoe Way, Richmond, BC V7A 5H5  
+1 604-285-5010 | sales@innoleader.ca

innoleader.ca