Dong Guan RioTouch Technology Co., Ltd

Floor 5, Building 1, Huihang High-Tech Industrial Park, No. 9 Zhongnan Road, Shangsha, Chang'an Town, Dongguan City, Guangdong Province, China

Web: www.RioTouch.com

LED Poster Display

Model	P1.86 · LED Poster Display
Product Images	
Module Specification	
Pixel Pitch (mm)	1.86
LED Package Structure	GOB
Scan Mode	1/43
Module Size (WxH, mm)	160*320
Module Resolution (WxH, px)	172*86
Cabinet Parameters	
Dimensions (mm)	1205.7*680
Cabinet Resolution (WxH, px)	344*516
Screen Diagonal (inch)	45.5"
Module Arrangement (WxH)	2*6
Single Cabinet Area (m²)	0.6144
Single Cabinet Weight (kg ± 2kg)	18.5
Maintenance Method	Front maintenance
Protection Rating	IP5x (front)
Cabinet Material	Steel
Speaker - not included as standard (optional speaker specs available)	
Speaker	2
Speaker Power	5W*2
Total Power	≦10 W
Ports / Interfaces	
USB3.0	1
USB2.0	1
RJ45	1
Mainboard Parameters	
Chipset	H618
Android version	12
CPU	4*Cortex-A53
GPU	G31 MP2
DDR	4 / 2 GB
EMMC	32 / 64 / 16GB
WiFi	6 (802.11ax)
BT	5
Remote upgrade	Yes
Display Parameters	
Pixel Configuration	1R1G1B (full colour)
LED Package Type	SMD1515
Pixel Density (dots/m²)	288,906
Scan Mode	1/43
Refresh Rate (Hz)	3840
Frame Change Frequency (Hz)	60

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Model	P1.86 · LED Poster Display
Signal Interface	HUB75 (no cascade port)
Module Base Material	Hard base
Module Weight (g/pc)	218
Brightness (cd/m²)	650
Color Temperature (K)	6500~12000
Contrast Ratio	6000:1
Power-on Indicator	
Auto power-on	Yes
Application Parameters	
Typical Lifespan (h)	100,000
Installation Method	VESA wall mount / standard fixed installation
Remote Publishing	Yes
Power Consumption (W)	≤170
Environmental Conditions	
Operating Temperature (℃)	-10 ~ 45
Storage Temperature (℃)	-20 ~ 55
Storage Humidity	15% ~ 80% (non-condensing)
Operating Humidity	10% ~ 85% (non-condensing)
Accessories	
Accessories	Power cord (3 m) × 1, WiFi antenna × 1