

# LDC640xx Series

Indoor Fine Pixel Pitch Product



## PRODUCT FEATURES



High-integrated Component  
Light-weight & Slim Cabinet

Highly integrated 3-in-1 bridge board design enables light-weight cabinet structure as well as low EMI. Slim product appearance with black metal frame can fit in various on-site environments.

3-in-1 Design

31mm Thickness

6.2KG/ Per Cabinet



High Precision  
Smooth Screen Surface

Cabinet adopts high-precision CNC processing technology, guaranteeing seamless splicing during installation. Apply patent LEDs to improve contrast ratio as well as protection performance.

patent LEDs<sup>1</sup>

Aluminium Alloy Cabinet



Vivid Color Displaying  
Care-free Camera Shooting

The application of high-quality driver IC, various gray compensation mechanisms and high-precision linear current gain can contribute to more accurate screen color rendition. The IC with PWM gray level scatter scanning mode is used to improve the gray scale level of display screen and shooting refresh rate.

3840Hz Refresh Rate

170° Wide Viewing Range

Built-in Display Data Storage



Dynamic Energy-saving Tech  
Worry-free Operation

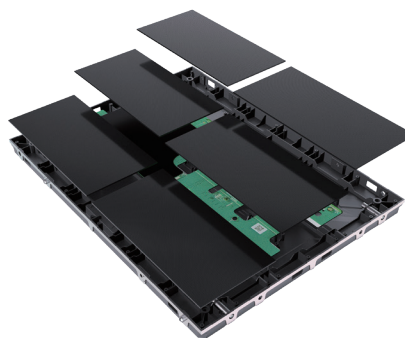
Built-in dynamic energy-saving tech and PWM gray scale control reduce useless power consumption, and realize high gray scale level under low brightness. Apply innovative current gray compensation technology to eliminate low gray scale displaying and cross-module color deviation. Open circuit detection and protection function provides real-time monitoring, providing dual-protection for screen operation.

Low Power Consumption

Low Screen Temperature

Quiet Operation

Real-time Monitoring



## SPECIFICATIONS

Model	LDC64012SFP	LDC64015SFP	LDC64018SFP	LDC64025FP
Physical Parameter				
LED Type	SMD	SMD	SMD	SMD
Pixel Pitch (mm)	1.2	1.5	1.8	2.5
Cabinet Size(W × H × D)(mm)	640 × 480 × 31	640 × 480 × 31	640 × 480 × 31	640 × 480 × 31
Cabinet Resolution	512 × 384	416 × 312	348 × 261	256 × 192
Cabinet Weight(kg)	6.2 ± 0.1	6.2 ± 0.1	6.2 ± 0.1	6.2 ± 0.1
Cabinet Material	Aluminium Alloy	Aluminium Alloy	Aluminium Alloy	Aluminium Alloy
Optical Parameter				
Brightness (nit)	≥550			
Refresh Rate (Hz)	3840			
Gray Scale (bit)	13			
Viewing Angle (H/V°)	170° /170°			
Electrical Parameter				
Power Consumption(Max./Avg.)/(W/m <sup>2</sup> )	450/150	360/120	295/100	322/107
Environmental Parameter				
Operating Temperature (°C)	-10~+40			
Operating Humidity(RH)	10~65%			
Maintenance	Front			

All specifications are subject to change without prior notice.

Note: Specifications are for reference only and are subject to change without notice.



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