320×480mm Frontal Service LED Display Screen

Unit LED-IF320 Series

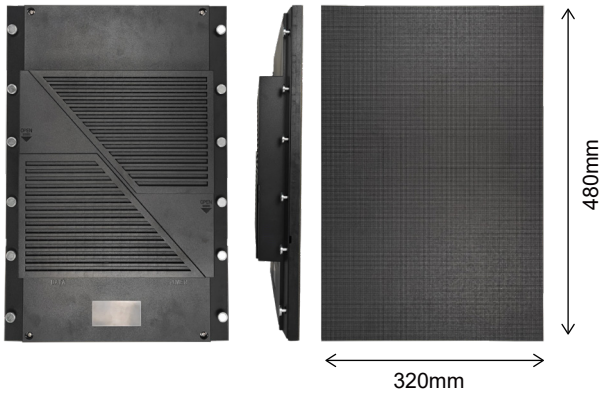
New product IF320 series LED display for indoor fixed installations. High pixel density, sleek design, front service with 320×480mm dimensions, smooth surface, and easy installation and removal.

IF320-P1.538/1.86/2.5

IF320 Series LED Display

320x480mm Standard Size Cabinet

The IF320 series features a 320x480mm standard size cabinet, offering a compact and versatile solution for LED displays. Its design ensures easy installation, maintenance, and optimal performance for various indoor applications.

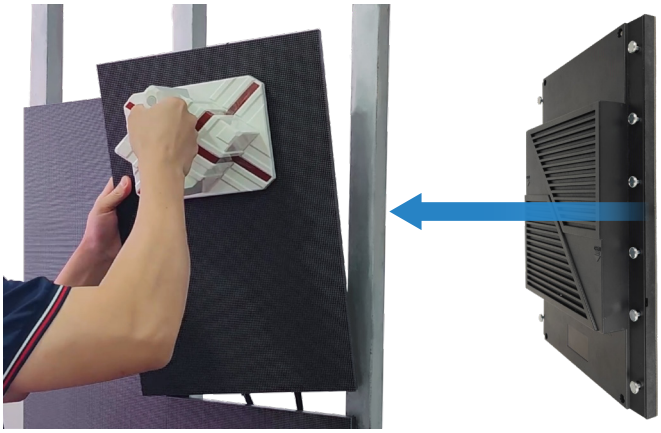


Ultra Lightweight

The IF320 series cabinet is made of engineering plastic, offering excellent heat resistance, dimensional stability, and impact strength. This ensures flatness and stability during installation. Weighing only 2.2kg, the product is lightweight, reducing both transportation and installation costs.

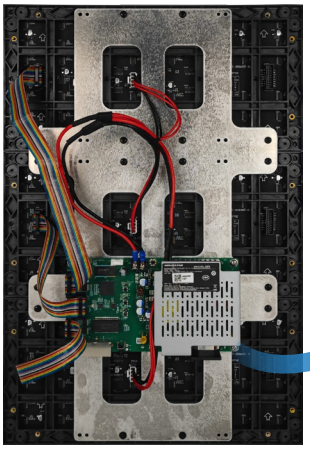
Magnetic Installation

The IF320 series features magnetic installation with front maintenance using a vacuum tool, making assembly and maintenance easy and efficient. Pre-assembled at the factory, it eliminates the need for on-site module installation, reducing the risk of damage and simplifying the installation process.

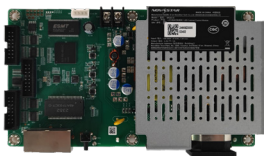


Front Maintenance

Magnetic Installation



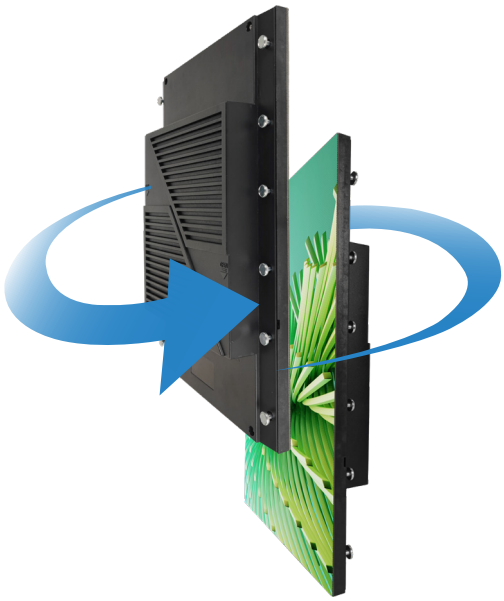
Power Supply, Receiving Card, and HUB Borad 3 in 1



Integrated Three-in-One Board Design

The three-in-one high-integration board combines the power supply, receiving card, and HUB on one board, reducing wiring and interfaces to enhance reliability and stability.

This design simplifies the product, supports various pixel pitches like P1.538, P1.86, and P2.5, and allows for faster production and delivery times.



Energy Saving

The maximum power consumption of the whole cabinet is only 54W (350W/M²), which meets the three low standards of low energy consumption, low carbon and low emission.

High-Resolution Visual Performance

The refresh rate is ≥3840Hz with frame rates of 50 & 60Hz, effectively eliminating scanning line issues when photographing. This ensures smooth images with no motion blur.

Supports Versatile Features

It supports pixel-level brightness and color calibration, ensuring consistent brightness and color across the screen. The unit has built-in temperature and voltage monitoring, with dual backup configuration for added reliability in after-sales support.

High Quality With Global Standards,
CE EMC, RoHs, FCC Certificated.

Specification

Pixel Pitch	P1.538mm	P1.86mm	P2.5mm
Pixel Configuration	SMD1212	SMD1515	SMD2020
Module Resolution (Pixel)	208×104	172×86	128×64
Module Size (mm)	320×160		
Scanning Method	1/43	1/43	1/32
Cabinet Dimensions (W×H×D, mm)	480×320×63		
Cabinet Weight (KG)	2.2		
Brightness (CD/m^2)	600		
Viewing Angle (°)	140/140		
Color Temperature (K)		9000±1000	
Operation Power	AC100-240V 50-60Hz		
Power (Max/Avg, W/m^2)	330/108	340/113	330/110
Protection Level (Front/Rear)	IP20/IP21		
Refresh Rate (Hz)	3840		
Operating Temperature (°C)	-10～+40		
Storage Temperature (°C)	-40～+60		
Lifetime (Hours)	100000		