IF Pro Series

Indoor fixed LED display----P1.953, P2.604, P2.976, P3.91

- Die-casting Aluminum
- Light and Thin
- Wide Viewing Angle
- Flexible Installations
- Excellent Performance
- 13bits ~ 24bits
- 1,920Hz～3,840Hz
- Front and Rear Access

Die-Casting Aluminum Design

As customers have higher requirements for LED displays, more and more cabinets have been developed to meet market demands.

Compared with the traditional bulky cabinet, the die-casting aluminum cabinet with humanized design is stronger, more light-weight and precise. This LED panel is highly praised for better user experience. The pixel pitches of this LED screen are SMD P1.9, P2.6, P2.9 and P3.9.

Module Front Service Tool

Front and Rear Access Design

All electrical components: power supply, receiving card, and data cable are easily accessed from the front or back of the LED display. This design feature allows for direct wall mount installation.

Flexible Installations&Accessories

- Flat mounting or embedded installation
- Stack or back structure installation
- Kinds of universal accessories for options
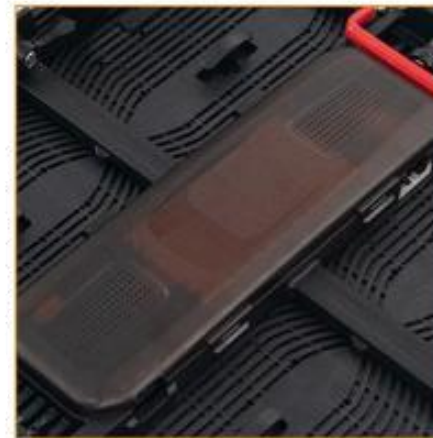- Recycling paper or wooden boc packing, enviroment -- friendly.

Fast installation

- Front or back service to power system

- Plug in-out design to release power supply

- Fast lock designed or installing LED panel quickly and easily.

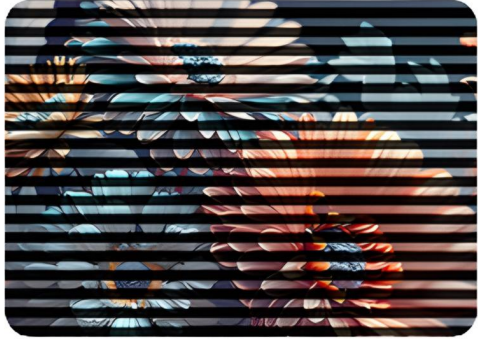Back Service

Patented Side Lock

Visualized Back Cover

Integrated HUB

Calibration Data Storage

- Calibration data can be stored in every module. When replacing defected modules with new modules, receiving card will read back calibration data from new modules. It prevents color and brightness difference after module replacement.
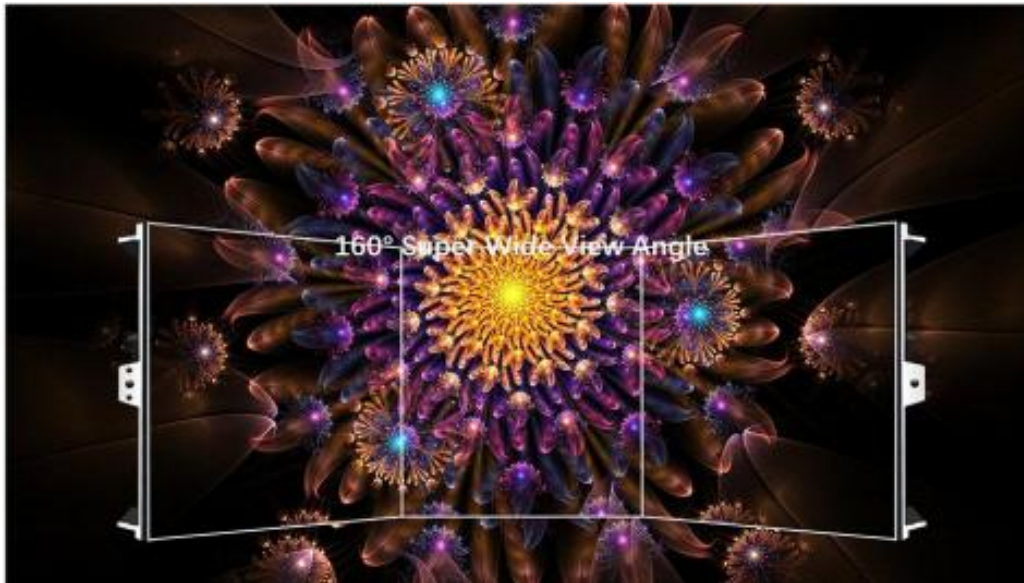
Low Refresh Rate

High Refresh Rate

Low Grayscale

High Grayscale

Advanced Visual Performance

- They're achieved by an industry setting display refresh rate of 3,840Hz combined with a Grey Scale performance that reaches 18 bits luminance intensity.

Wide View Angle

- The view angle of IF Pro series is 160°. Images can be seen clearly from different directions. At the range of viewing angle, there will be no square, modularity.

Multiple Functions

This indoor LED panel is usually be
used for:
● Fashion shop;
● Meeting room video wall;
● Church digital screen;
● Indoor advertising;
● Airport, etc.

IF Pro Parameter

Item	P1.9	P2.6	P2.9	P3.9
Pixel Pitch	1.953mm	2.604mm	2.976mm	3.91mm
LED Type	SMD1515	SMD1515	SMD1515	SMD2121
Module Resolution	128dots × 128dots	96dots × 96dots	84dots × 84dots	64dots × 64dots
Driving Mode	1/32scan	1/32scan	1/28scan	1/32scan
Module Pixels	16384dots	9216dots	7056dots	4096dots
Module Size	250mm × 250mm	250mm × 250mm	250mm × 250mm	250mm × 250mm
Cabinet Size	500mm x 500mm	500mm x 500mm	500mm x 500mm	500mm x 500mm
Cabinet Resolution	65536dots	36864dots	28224dots	16384dots
Pixel Density	262144dots/m²	147456dots/m²	123904dots/m²	65536dots/m²
Minimum Viewing Distance	≥1.9m	≥2.6m	≥2.9m	≥3.9m
Brightness	800nits~1,000nits	800nits~1,000nits	800nits~1,000nits	800nits~1,000nits
IP Grade	IP43	IP43	IP43	IP43
Refresh Rate	1,920Hz~3,840Hz	1,920Hz~3,840Hz	1,920Hz~3,840Hz	1,920Hz~3,840Hz
Gray Scale	13bits~18bits	13bits~18bits	13bits~18bits	13bits~18bits
Viewing Angle	H:160° / V:160°	H:160° / V:160°	H:160° / V:160°	H:160° / V:160°
Maximum Power Consumption	580W/m²	580W/m²	580W/m²	540W/m²
Average Power Consumption	190W/m²	190W/m²	190W/m²	180W/m²
Input Voltage	AC110V~AC220V @ 50Hz / 60Hz	AC110V~AC220V @ 50Hz / 60Hz	AC110V~AC220V @ 50Hz / 60Hz	AC110V~AC220V @ 50Hz / 60Hz
Operating Temperature	- 20℃~65℃	- 20℃~65℃	- 20℃~65℃	- 20℃~65℃
Operating Humidity	10%~90%	10%~90%	10%~90%	10%~90%
Cabinet Material	Die-casting Aluminum	Die-casting Aluminum	Die-casting Aluminum	Die-casting Aluminum
Cabinet Weight	6kg/panel	6kg/panel	6kg/panel	6kg/panel
Operating System	Windows (Win7,Win8,etc.)	Windows (Win7,Win8,etc.)	Windows (Win7,Win8,etc.)	Windows (Win7,Win8,etc.)
Signal Source Compatibility	DVI, HDMI1.3, DP1.2, SDI, HDMI2.0, etc.	DVI, HDMI1.3, DP1.2, SDI, HDMI2.0, etc.	DVI, HDMI1.3, DP1.2, SDI, HDMI2.0, etc.	DVI, HDMI1.3, DP1.2, SDI, HDMI2.0, etc.