IF1 Series

Indoor LED Display-P2.5, P3, P4, P5

13bits ~ 24bits

1920Hz～3840Hz

Superior PCB

Cost-Effective

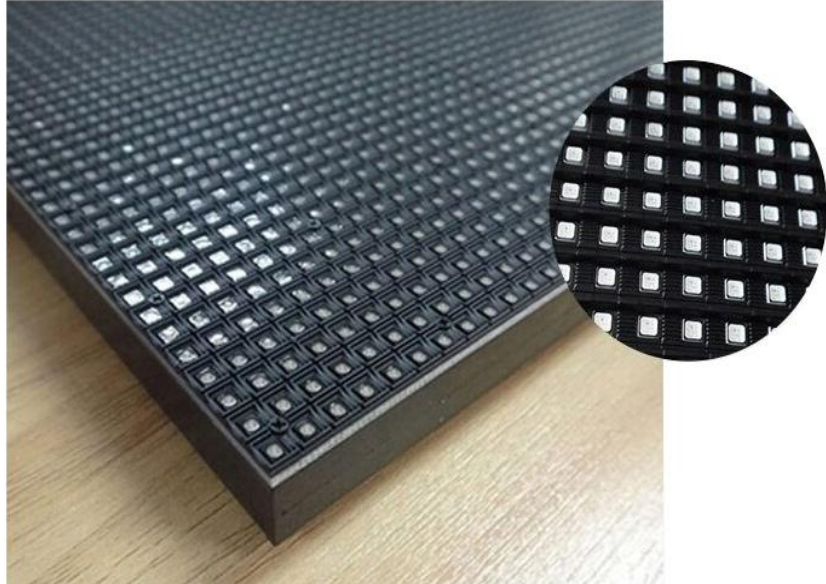Front Access

Large Viewing Angle

800nits-1200nits

Flexible Installation

Fast Installation

The cabinets joint within 8 seconds. With magnetic suction tool, LED modules can be removed from front side directly to save the installation time and labors.

High Quality SMD

The combination of high quality SMD LED and great PCB design has led us to leading position in the industry. We believe that superior material quality is the primary standard for advanced products. Comparing with the other products in the market, our LED screen stands out.

The pixel pitches are P2.5, P3, P4, and P5. This series is getting more and more popular in the market.

Wide Angle

 Wide horizontal and vertical viewing angles of our indoor fixed installation LED display up to 160°. The indoor full color LED screen has stable performance and various content.
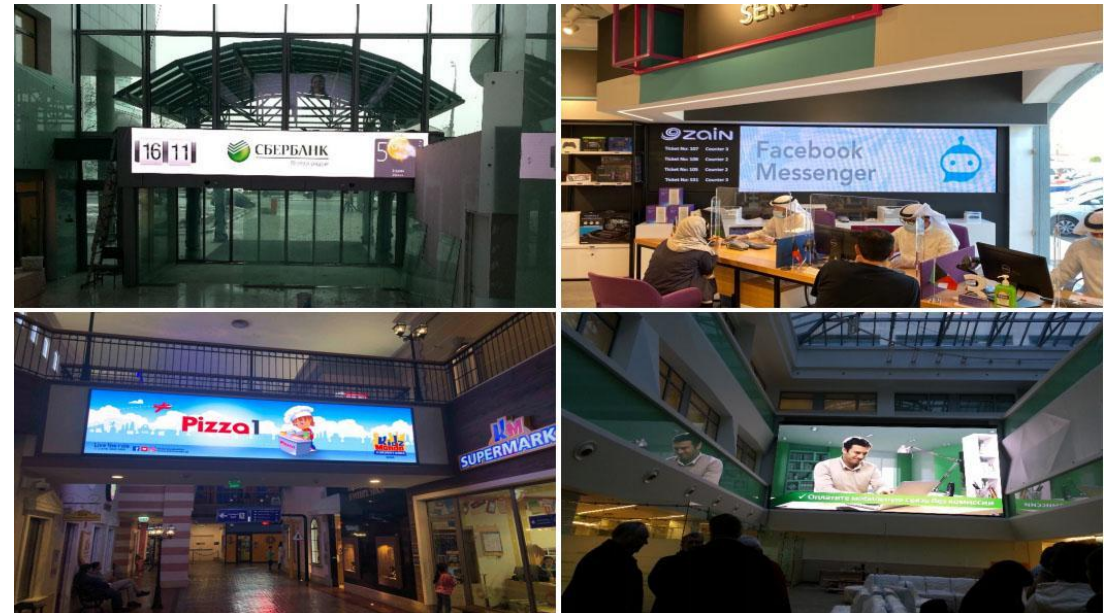
Ultra Visual Performance

Our IF1 LED video wall is with extraordinary performance. We use high-quality black SMD LED with great PCB design, and the screens gain excellent features as follows: Long lifespan, excellent white balance, amazing color uniformity, ultimate refresh rate (1,920Hz-3,840Hz), high gray scale (13bits-24bits) & high color contrast ratio.

Application Fields

Usually, the LED billboard is installed in:

Shopping mall
Meeting room
Hotel
Church
Stadium

IF1 Parameters

Item	P2.5	P3	P4	P5
Pixel Pitch	2.5mm	3mm	4mm	5mm
LED Type	SMD2020	SMD2020	SMD2020	SMD2020
Module Resolution	128dots × 64dots	64dots × 64dots	64dots × 32dots	64dots × 32dots
Driving Mode	1/32scan	1/32scan	1/16scan	1/8scan
Module Pixels	8,192dots	4,096dots	2,048dots	2,048dots
Module Size	320mm × 160mm	192mm × 192mm	256mm × 128mm	320mm × 160mm
Cabinet Size	640mm × 640mm	768mm × 768mm	768mm × 768mm	960mm × 960mm
Cabinet Resolution	256dots × 256dots	256dots × 256dots	192dots × 192dots	192dots × 192dots
Pixel Density	160,000dots/㎡	111,111dots/㎡	62,500dots/㎡	40,000dots/㎡
Minimum Viewing Distance	≥2.5 m	≥3m	≥4m	≥5m
Brightness	800nits～1,200nits	800nits～1,200nits	800nits～1,200nits	800nits～1,200nits
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～24bits	13bits～24bits	13bits～24bits	13bits～24bits
Viewing Angle	H:160° / V:160°	H:160° / V:160°	H:160° / V:160°	H:160° / V:160°
Maximum Power Consumption	560W/㎡	560W/㎡	560W/㎡	560W/㎡
Average Power Consumption	160W/㎡	160W/㎡	160W/㎡	160W/㎡
Input Voltage	AC110V～AC220V @ 50Hz / 60Hz	AC220V～AC110V @ 50Hz / 60Hz	AC220V～AC110V @ 50Hz / 60Hz	AC220V～AC110V @ 50Hz / 60Hz
Operating Temperature	−20℃～65℃	−20℃～65℃	−20℃～65℃	−20℃～65℃
Operating Humidity	10%～90%	10%～90%	10%～90%	10%～90%
Cabinet Material	Iron / Aluminum	Iron / Aluminum	Iron / Aluminum	Iron / Aluminum
Cabinet Weight	55kg/㎡ or 45kg/㎡	55kg/㎡ or 45kg/㎡	55kg/㎡ or 45kg/㎡	55kg/㎡ or 45kg/㎡
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.