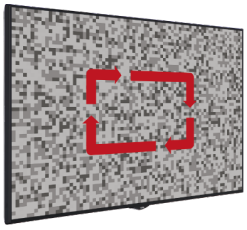
IF86TI630B

86" Interactive Flat Panel Display - IFM Series

Key Features



Pixel Shifting

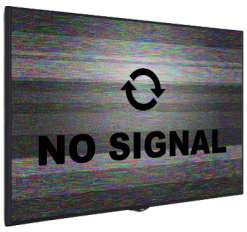
Pixel Shifting is designed to be activated inside the SoC in order to prevent for potential risk of image sticking, caused by constant content. With this feature turned on, pixels on the screen will move in an interval while causing no interference of visual experience.

Usb Security

This series lets your USB and your content to be secured within the back cover of the display. The cover is protected with a screw not allowing any outside intervention.

Operation Time Support

Professional Panels used with this series are quality confirmed to operate 16 hours a day without any issues. Upon this, the series come with 400 Nits brightness levels suitable for medial indoor environment.



Signal Failover

Our SoC Software has a protection for “No Signal” scenario. If the USB is unplugged after your content is set to be displayed with USB, the display will either show your customized banner or search for any other signal from other sources (HDMI, Display Port, etc.). This failover protection is constructed for higher user experience.

SoC Content Management

With quad core SoC (System on Chip), this Series displays are the digital signage monitors for both offline designed content and cloud-based managed content. This helps your digital content to be displayed in the displays by content management systems.

Subtle Design

This series’ displays exhibit ultra narrow bezel design eliminating the visual superfluities, directing audience focus on your advertised content. This series is found to be desirable for digital signage specific design: internal usb cover, OPS-slot, detachable power plug, carrying handles and IR extender.

Features

Built-in Connectivity
This series features wired and wireless connectivity such as embedded WiFi and Bluetooth. Due to the wireless capabilities, the displays can easily gather its content without any external device. Moreover, WiFi allows screen sharing to be enjoyed with Miracast.

Open Platform Support
Our SoC supports API (Application Programming Interface) for solution providers/integrators to develop and integrate any HTML5-based to be installed and used on our displays.

OPS Support
All our products in this series have compliance with OPS (Open Pluggable Standard). OPS will empower your screens with enhanced processing power and ability to choose Windows or Android as your operating system to fit your specific application.

Touch Support
Our touch screens are compatible with this series. Infrared (IR) Touch Screens is designed to equip your current product with user-interactivity allowing the display to be smart display and many interactive applications to be enjoyed by the end users. The design also permits any person to overlay the touch screen on the display easily.

Daisy Chain
The display can mirror the content (to another display) into its display port out coming from its display port in. This set up creates a daisy chain like structure allowing for monitors to be set up as Video Wall mode.

Display Control
Digital Signage Display SoC enables the users to control our displays using RS232 commands in a Local Area Network. Together with the full RS232 command list you can change/set volume, turn on/off the monitor, set a schedule for content display, set a webpage link to be displayed and give a wide range of commands in real-time.

External Device Connections
You may want to connect your teleconference system, screen sharing system, set-top box or external PCs via HDMI port. For this purposes, our monitors help you to maximize user experience with HDMI CEC (Consumer Electronics Control) and HDMI Hotplug capabilities.

Auto Launch
We have made it easy to give any HTML5-based application link to the display within the SoC software. Upon this, the display will start with the given link. The application can either be an offline or an online application, allowing the customers to execute their own application.

IF86TI630B

VESTEL

FEATURES

Main Features	Open Content Management Support, Scheduler, USB-Autoplay, Auto-Launch, HDMI-CEC, HDMI-Hotplug, Auto-switch on Failover, Panel Lock, OSD Rotation, NoSignalPowerOff, Screen Saver, Pixel shift, Scheduler, Videowall support, remote control via LAN, Real Time Clock
Mechanical Features	Joystick, IR Extender Support, Rocker Switch, Detachable power cable, Carrying slots, Detachable logo positioning, Internal usb cover, Cable Holder
Optional Features	OPS Compliance
Speaker	2 x 10 W

MONITOR CONNECTIVITY

RGB Input	Dsub 15 PIN VGA CON., YPbPr
Video Input	2xHDMI2.0, 1xUSB3.0, 1xUSB2.0
Video Output	HDMI out
Audio Input	LINE IN JACK
Audio Output	LINE OUT JACK
External Control	RS232(DSUB 9P), RJ12, Ethernet

ACCESSORY

Standard	QSG, Warranty Card, IB, Power Cord, Remote Control Unit, RC Battery, Mounting Kit, Extension Brackets, IR Extender Cable

TOUCH TECHNOLOGY

Type of Touch Technology	Infrared (IR) Technology
Supported Point	10 Points
Sensitivity	Any touch with finger, gloved hand or pointer
Connectivity	HID, TUIO, Flash
Supported OS and Applications	Windows®7,Windows®8, Windows®10, Vista, XP, Mac® OS, Linux, Android
Orientation	Landscape support
Calibration	No need
Accuracy	%90 <
Reporting Rate	Up to 450 fps
Glass Type	Anti Glared (AG), Tempered 4mm
Frame Rate	up to 450 fps
Communication	USB 2.0
Power Supply Mode	USB
Supply Voltage	DC 5V +/- 5%
Average Current	<400mA
Response Time	<10ms
Touch Accuracy	+/-2mm (over 90% area)
Object Sizes for Touch	5mm
Touch Durability	Unlimited
HID Compatibility	Yes USB

PANEL

Mainboard Model	17MB120DSR4-DSOPT6
H-Freq	67.5 kHz
Max. Pixel Freq.	280 kHz
V-Freq	120 Hz
Size	86"
Backlight Type	ELED
Panel Technology	IPS
Panel Type	16/7 Panel
Front Type	Black Touch Bezel Type
Orientation	Horizontal
Resolution	3840 x 2160 (16:9) - UHD
Active Area	1907 (H) x 1076(V)
Brightness (Cd / M2)	500 cd/m2
Contrast Ratio	1200
Panel Life Time (Min.)	50000 Hr
Viewing Angle	178°
Response Time	8 ms
Color Value	10 Bit, 1.07Billon colors
Areas of Usage	Indoor

WORKING CONDITIONS

Temperature Conditions	+40°C / 0°C
Humidity	90%

POWER

Power Supply	110 VAC - 240 VAC
Power Consumption (Off)	≤0.5W

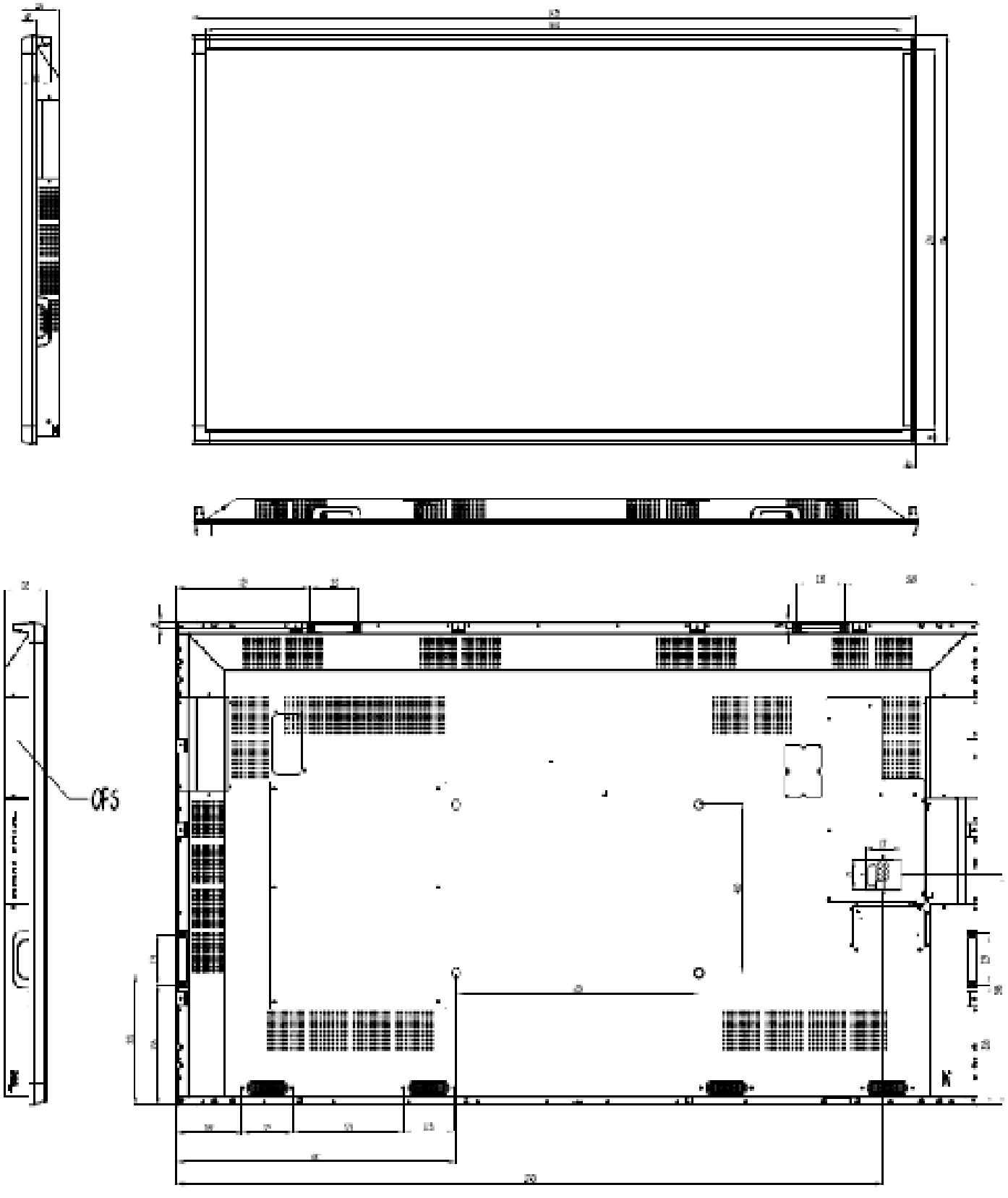
MECHANICAL FEATURES

Size	1975mm (L) x 1146mm (H) x 103mm (D)
Shipping Size	2163mm (L) x 1405mm (H) x 318mm (D)
Weight (kg)	94.3
Shipping Weight (kg)	111.2
Vesa Mounting Size	600 mm(H)x 400 mm(V) M6
Bezel Width	38 mm / 38 mm / 38 mm

CERTIFICATION

Safety	YES
EMC	YES
CB	YES
CE	YES
Reability Approval	YES
FCC	YES

UL	YES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