IF75T633/6

VESTEL

75" Interactive Flat Panel Display - IFM Series

OPS opt | 4K | 16h | SoC

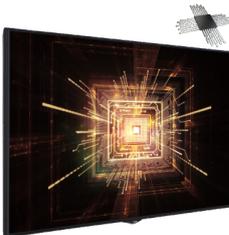Bluetooth | HDMI | SS | ULTRA HD | IPS

Key Features

Scheduler

Digital Signage Monitor Software allows many important features such as Scheduler. Scheduler sets your display turn on/off time easily and lets you not to worry about the status of your displays in any time.

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.
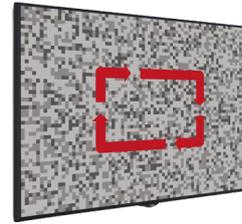
Operation Time Support

Professional Panels used with this series are quality confirmed to operate 24 hours a day without any issues. Our customers will experience the highest quality of our screens unlimited to any operation. 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.

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.

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.

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VESTEL

PANEL

Screen Size	75"
Panel Technology	IPS
Backlight Type	Direct-Type LED
Brightness (typical)	400 cd/m²
Native Resolution	3840 x 2160 (16:9) - UHD
Contrast Ratio (typical)	1200:1
Dynamic Constrast Ratio	40000:1
Panel Life Time (Min.)	30000 Hrs
Response Time (typical)	8 ms
Active Area (H x V)	1650 x 928 mm
Pixel Pitch (H x V)	0.429 x 0.429 mm
PPI (pixel per inch)	59
Viewing Angle	178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10
Color Value	1.07 B (10-bit)
Screen Treatment	2H
Haze Level	3%
Refresh Rate	60 Hz
Front Type	Touch Bezel Type
Orientation	Horizontal
Operation Hours	16/7 Panel
Area of Usage	Indoor

MAINBOARD

Mainboard Model	17MB120DSR4-DSOPT6

MONITOR CONNECTIVITY

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

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), 4mm Tempered
Frame Rate	up to 450 fps
Communication	USB 2.0
Power Supply Mode	USB
Supply Voltage	DC 5V +/- 5%
Average Current	
Response Time	
Touch Accuracy	+/-2mm (over 90% area)
Object Sizes for Touch	5mm
Touch Durability	Unlimited
HID Compatibility	Yes USB

MECHANICAL

Product Dimensions (WxDxH)	1731 x 119 x 1008 mm
Package Dimensions (WxDxH)	1990 x 265 x 1227 mm
Product Weight	58.3 kg
Package Weight	72.3 kg
Vesa Mounting	600 x 400 mm
Bezel Width	B:38| T:38	L/R:38 mm

ENVIRONMENTAL CONDITIONS

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

POWER

Power Supply	110 VAC - 240 VAC

POWER CONSUMPTION

Typical	220 W
Deep Standby	≤0.5W

FEATURES

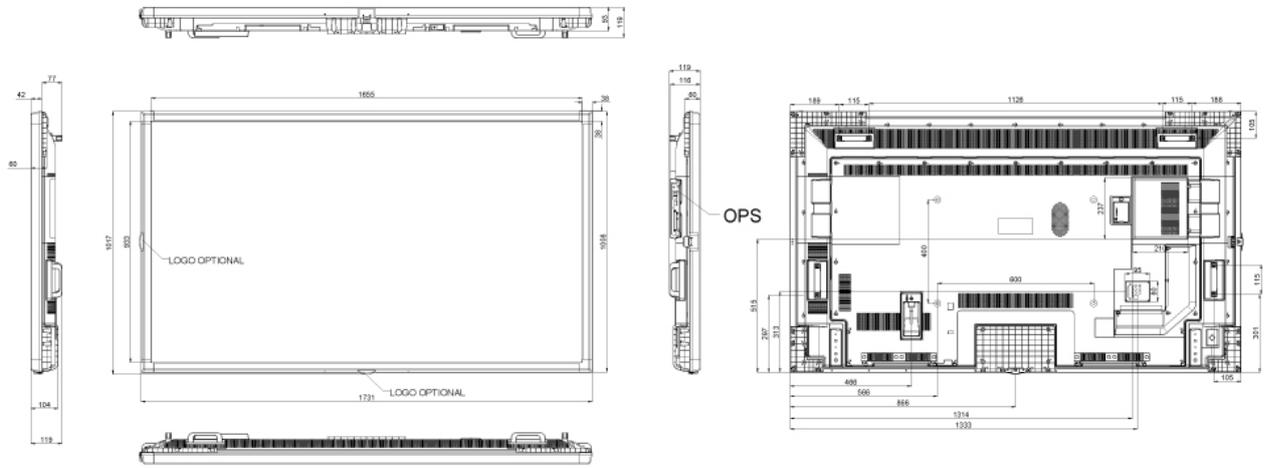|	
Main Features	Open Content Management Support, Scheduler, USB-Autoplay, Auto-Launch, HDMI-CEC, HDMI-Hotplug, Auto-switch on Failover, Panel Lock, OSD Rotation, NoSignalPowerOff, Screen Saver, Pixel shift, Scheduler, Videowall support, remote control via LAN, Real Time Clock
Mechanical Features	Joystick, 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 12 W

ACCESSORY

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

CERTIFICATION

Safety	YES
EMC	YES
CE	YES
Reability Approval	YES

LOGO OPTIONAL

LOGO OPTIONAL

OPS

ACTIVE CELL DIMENSIONS

MODEL 75495 IFPD	DIMENSIONS (mm)		
	WIDTH mm	DEPTH mm	HEIGHT mm
PRODUCT	1731	119	1008
PACKAGING	1990	265	1227

TOLERANCES	K	NAME: 75495 IFPD		REV: R01
0.01/50.00	±0.10			
50.01/100.00	±0.30	CREATED : HÜSEYİN ÇİFTÇİ	DATE: 04.10.2018	
100.01/250.00	±0.50	LAST REV. : NİHAT ÖZTEN	SHEET: 1 / 1	
250.01/500.00	±0.75	CHECK : Hakan KOYUNCUOGLU	SCALE : 1	
500.01/1000.00	±1.00	APPRV. : Deniz ÇETİNYÜREK		UNIT mm
1000.01/2500.00	±1.50			
ANGLES	±0.5°	VESTEL VESTEL ELECTRONICS / DIJITAL PRODUCTS OPERATIONS MANISA/TURKIYE TEL:+90.236.2139.660 FAX:+90.236.2139.512		