IFD55TH652/3

VESTEL

55" Android Based Interactive Flat Panel Displays

- Resolution : 3840x2160 (UHD)
- Brightness : 400 cd/m2
- Touch Points : 10 Points Multi Touch
- Touch Techology : IR Touch
- Interface : HDMI 2.0 / VGA / USB /RS232 / RJ45 / RJ12 for sensors / IR /HP / Audio / Speaker

Key Features

Palm Erase
Automatic palm erasing function allows teachers and students to simplify the white board experience with smooth writing and erasing.

Ease of use with Android
Android gives teachers one touch access for lessons and collaboration tools including whiteboard, web browser, apps library, and native wireless screen sharing.

Wireless Presentation
Teachers, students or any user can share their screen efficiently and conveniently in the classroom or meeting room via EShare application. This application can connect any operating system and show up to 4 different screen at the same time.

Different Sizes for various classrooms
Available in a variety of large screen sizes, the IFD range gives customers the options to choose exactly what they need for their room size.

IFD55TH652/3

VESTEL

PANEL

Screen Size	55"
Panel Technology	IPS
Backlight Type	Direct-Type LED
Brightness (typical)	400 cd/m²
Native Resolution	3840 x 2160 (16:9) - UHD
Contrast Ratio (typical)	1300:1
Dynamic Constrast Ratio	40000:1
Panel Life Time (Min.)	30000 Hr
Response Time (typical)	6 ms
Active Area (H x V)	1210 x 681 mm
Viewing Angle	178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10
Color Value	16.7 M (8-bit)
Screen Treatment	2H
Haze Level	3%
Refresh Rate	60 Hz
Front Type	Black Super Narrow Bezel
Orientation	Horizontal
Operation Hours	16/7
Area of Usage	Indoor

MAINBOARD

Mainboard Model	17MB135VS

MONITOR CONNECTIVITY

RGB Input	VGA(DE-15F)
RGB Output	N/A
Video Input	3xHDMI2.0, 2xUSB2.0, USB2.0(Internal), 1xMicroSD
Video Output	HDMI2.0
Audio Input	Line In L/R
Audio Output	Headphone, Optic SPDIF
External Control	RS232(DE-9F), 2*Ethernet(RJ45), Service(RJ12)
External Sensor	RJ12

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)	1280 x 123 x 751 mm
Package Dimensions (WxDxH)	1480 x 265 x 930 mm
Product Weight	29.45 kg
Package Weight	38.15 kg
Vesa Mounting	400 x 200 mm
Bezel Width	B:34	T:34	L/R:34 mm

ENVIRONMENTAL CONDITIONS

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

POWER

Power Supply	90% 110 VAC - 240 VAC

POWER CONSUMPTION

Typical	83 W
Deep Standby	≤0.5W

FEATURES

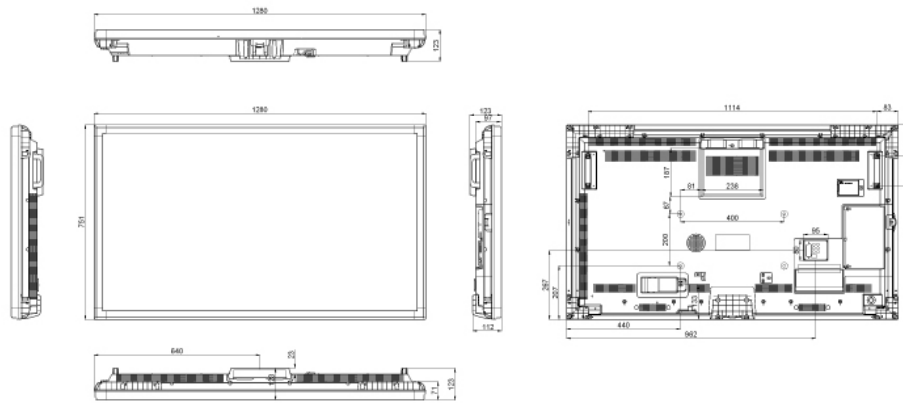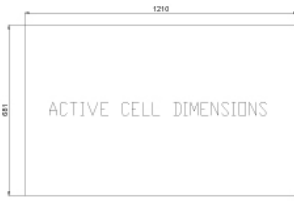|	
Main Features	Open Content Management Support, Scheduler, USB-Autoplay, Auto-Launch, HDMI-CEC, HDMI-Hotplug, Auto-switch on Failover, Panel Lock
Mechanical Features	IR Touch, Joystick, IR Extender Support, Rocker Switch, Detachable power cable, Carrying slots, Detachable logo positioning, Internal usb cover, Cable Holder
Optional Features	OPS Compliance
Speaker	2 x 8 W

ACCESSORY

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

CERTIFICATION

Safety	YES
EMC	YES
CE	YES

REV.NO	DATE/TARIH	NOTES/ACIKLAMALAR
1	04.10.2018	FORMAT DÜZENLENDİ
2	15.10.2018	PAKETLEME ÖLÇÜLERİ EKLENDİ
3		

MODEL 55495 IFPD	DIMENSIONS (mm)		
	WIDTH mm	DEPTH mm	HEIGHT mm
PRODUCT	1280	123	751
PACKAGING	1480	265	930

ACTIVE CELL DIMENSIONS

TOLERANCES K		NAME: 55495 IFPD		REV: R02
0.01/50.00	±0.10			
50.01/100.00	±0.30	CREATED : HÜSEYİN ÇİFTÇİ	DATE: 15.10.2018	
100.01/250.00	±0.50	LAST REV. : NİHAT ÖZTEN	SHEET: 1 / 1	
250.01/500.00	±0.75	CHECK : Hakan KÖYLÜNCÜOĞLU	SCALE : 1	
500.01/1000.00	±1.00	APPRV. : Deniz ÇETİNYÜREK		UNIT MM
1000.01/2500.00	±1.50	VESTEL VESTEL ELECTRONICS / DIGITAL PRODUCTS OPERATIONS MANISA/TURKIYE		
ANGLES	±0.5°	TEL:+90.236.213.0660 FAX:+90.236.213.0512		