



55" Interactive Flat Panel Displays - IFM series



Key Features



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.

PANEL

Screen Size	55"
Panel Technology	IPS
Backlight Type	Direct-Type LED
Brightness (typical)	400 cd/m ²
Native Resolution	1920 x 1080 (16:9) - FHD
Contrast Ratio (typical)	1200:1
Dynamic Contrast 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	3H
Haze Level	1%
Refresh Rate	60 Hz
Front Type	Black Super Narrow Bezel
Orientation	Horizontal
Operation Hours	16/7
Area of Usage	Indoor

MAINBOARD

Mainboard Model	17MB120DSR3-DSOPT3
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MONITOR CONNECTIVITY

RGB Input	Dsub 15 PIN VGA CON., YPbPr
RGB Output	N/A
Video Input	1xHDMI2.0, DP1.2a, DVI, 1xUSB3.0, 1xUSB2.0, 1xUSB2.0(USB cover)
Video Output	DP1.2a
Audio Input	LINE IN JACK
Audio Output	LINE OUT JACK
External Control	RS232(DSUB 9P), RJ12, Ethernet
External Sensor	N/A

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	110 VAC - 240 VAC
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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

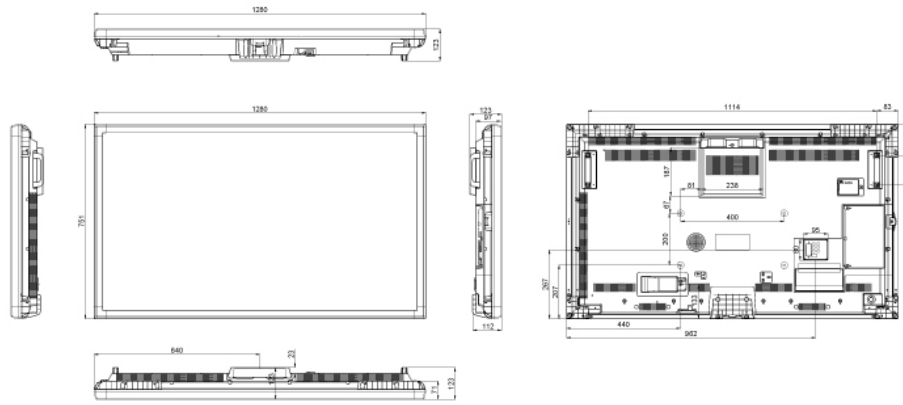
ACCESSORY

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

Safety	YES
EMC	YES
CE	YES

REV.	DATE	DESCRIPTION
1	04.03.2010	FORMYI PROJELENDI
2	15.01.2010	PANETLENE GUCLEKLEK EKLENENI
3		



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

1210

ACTIVE CELL DIMENSIONS

TOLERANCES	κ	NAME: 55495 IFPD	REV: R02
1:10/50:00	+0.00	CREATED: HOSEYIN GÜFTÜ	DATE: 15.01.2010
5:10/200:00	+0.20	LAST REV: NHAH GÜTEN	SHEET: 1 / 1
10:10/250:00	+0.50	CHECK: Hakan KÖYMÜDÜĞÜ	SCALE: 1:1
20:10/300:00	+0.75	APPROV: Davut ÇETİNYÜREK	UNIT mm
50:10/300:00	+1.00	VESTEL VESTEL ELECTRONICS / DIGITAL PRODUCTS OPERATIONS İZMİR/İTALYENİE TEL:+90234 613660 FAX:+90234 613652	
100:10/250:00	+1.50		
ANGLES	+0.5°		