



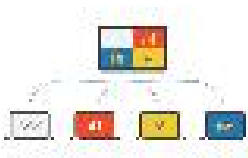
## 55" Android Based Interactive Flat Panel Displays

### Key Features



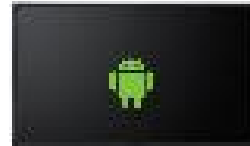
#### Palm Erase

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



#### 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.



#### 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.



#### 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.



#### Crestron Connected

Crestron Connected certification complements VESTELs presence with inside the corporate, retail, government, better training and hospitality markets, all of which use expert AV controls. As those sectors hold to evolve with growing necessities for simple-to-use merchandise, seamless integration, dependable answers and community connectivity.

## DISPLAY

Screen Size	55"
Panel Technology	IPS
Backlight Type	Direct-Type LED
Brightness (typical)	400 cd/m <sup>2</sup>
Native Resolution	UHD: 3840 x 2160 - HDR10
Contrast Ratio (typical)	1300:1
Dynamic Contrast Ratio	40000:1
Life Time (typical)	50000 Hrs
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	8%
Refresh Rate	60 Hz
Front Type	Black Super Narrow Bezel
Orientation	Horizontal
Operation Hours	16/7
Area of Usage	Indoor

## REAR I/O

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

## 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

## POWER

Power Supply	90% 110 VAC - 240 VAC
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## FEATURES

Main Features	USB-Autoplay, Auto-switch on Failover, Control Button Lock, HDMI Wake-Up
Mechanical Features	IR Touch, Joystick, IR Extender Support, Rocker Switch, Detachable power cable, Carrying handles, Detachable logo positioning, Cable Holders
Optional Features	OPS Compliance
Speaker	2 x 8 W

## CERTIFICATION

Safety	YES
EMC	YES
CE	YES
Reability Approval	YES

## BUILT-IN SYSTEM

Mainboard Model	17MB135VS
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## TOUCH INTERACTIVITY

Type of Touch Technology	Infrared (IR) Technology
Continuous Touch Points	10 Points
Sensitivity	Any touch with finger, gloved hand or pointer
Connectivity	HID, TUIO, Flash
Compatibility	Windows <sup>®</sup> 7, Windows <sup>®</sup> 8, Windows <sup>®</sup> 10, Vista, XP, Mac <sup>®</sup> 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	<400mA
Response Time	<10ms
Touch Accuracy	+/-2mm (over 90% area)
Touch Durability	Unlimited
HID Compatibility	Yes USB
Object Sizes for Touch	5mm

## ENVIRONMENTAL CONDITIONS

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

## POWER CONSUMPTION

Typical	83 W
Deep Standby	≤0.5W

## ACCESSORY

Standard	QSG, IB, Power Cord, Remote Control, RC Battery, Mounting Kit, Extension Brackets, IR Extender Cable
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Part Name	Dimensions		
	Length	Width	Height
Block	150	100	50
Plate	100	50	10

Material	Quantity	Unit
Aluminum	1	kg
Steel	2	kg