



## 75" 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.

## PANEL

Screen Size	75"
Panel Technology	IPS
Backlight Type	Direct-Type LED
Brightness (typical)	400 cd/m <sup>2</sup>
Native Resolution	3840 x 2160 (16:9) - UHD
Contrast Ratio (typical)	1200:1
Dynamic Contrast Ratio	40000:1
Panel Life Time ( Min. )	30.000 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
Orientation	Horizontal
Operation Hours	16/7 Panel
Area of Usage	Indoor

## MAINBOARD

Mainboard Model	17MB135VS
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## 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	HID, TUIO, Flash 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), Tempered 4mm
Frame Rate	up to 450 fps
Communication	USB2.0
Power Supply Mode	USB
Supply Voltage	DC 5V +/- 5%
Average Current	< 400 mA
Response Time	< 10 ms
Touch Accuracy	+/-2mm (over 90% area)
Object Sizes for Touch	5 mm
Touch Durability	Unlimited
HID Compatibility	YES USB

## MECHANICAL

Product Dimensions (WxDxH)	1731 x 119 x 1008 mm
Package Dimensions (WxDxH)	1948 x 310 x 1248 mm
Product Weight	58.3 kg
Package Weight	72.4 kg
Vesa Mounting	600 x 400 mm - M6
Bezel Width	B:38   T:38   L/R:38 mm

## ENVIRONMENTAL CONDITIONS

Operating Temperature	0-40°C
Operating Humidity	10-90%

## POWER

Power Supply	110 VAC - 240 VAC - 50/60 Hz
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## POWER CONSUMPTION

Off	≤ 0.5W
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## FEATURES

Main Features	Android 7.1 OS, 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, 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
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