



## Key Features



### 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.



### 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.



### Palm Erase

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

Display

Screen Size	65"	Panel Technology	Direct-Type LED
Backlight Type	350 cd/m²	Native Resolution	UHD: 3840 x 2160 - HDR10
Contrast Ratio (typical)	1200:1	Dynamic Contrast Ratio	35000:1
Panel Life Time ( Min. )	30.000 hrs	Life Time (typical)	8 ms
Active Area (H x V)	1428 x 804 mm	Pixel Pitch (H x V)	0.372 x 0.372 mm
PPI (pixel per inch)	68	Viewing Angle	178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10
Color Value	1.07 B (10-bit)	Screen Treatment	2H
Haze Level	8%	Refresh Rate	60 Hz
Front Type	Touch Bezel	Orientation	Horizontal
Operation Hours	16/7 Panel	Area of Usage	Indoor

Built-in System

Mainboard Model	MB135VS
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Rear I/Os

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 Interactivity

Type of Touch Technology	Infrared (IR) Tech. - 10 Points	Sensitivity	Any touch with finger, gloved hand or pointer
Connectivity	HID, TUIO, Flash	Compatibility	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), Tempered	Frame Rate	up to 450 fps
Communication	USB 2.0	Power Supply Mode	USB
Supply Voltage	DC 5V +/- 5%	Average Current	400 mA
Response Time	10 ms	Touch Accuracy	+/- 2 mm (over 90% area)
Touch Durability	Unlimited	HID Compatibility	Yes USB
Object Sizes for Touch	5 mm		

Mechanical

Product Dimensions (WxDxH)	1507 x 118 x 882 mm	Package Dimensions (WxDxH)	1756 x 265 x 1100 mm
Product Weight	38.6 kg	Package Weight	48 kg
Vesa Mounting	400 x 400 mm	Bezel Width	B:38  T:38   L/R:38 mm

Environmental Conditions

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

Power Supply	110 VAC - 240 VAC
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Power Consumption

Typical	240 W	Maximum	200 W
Deep Standby	≤ 0.5W		

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

Accessory

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

Safety	YES	EMC	YES
CE	YES	Reability Approval	YES