



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.



PANEL

Screen Size 55" IPS Panel Technology

Backlight Type Direct-Type LED Brightness (typical) 400 cd/m²

3840 x 2160 (16:9) - UHD Native Resolution

Contrast Ratio (typical) 1300:1 Dynamic Constrast Ratio 40000:1 30000 Hr Panel Life Time (Min.) Response Time (typical) 6 ms Active Area (H x V) 1210 x 681 mm

178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10 Viewing Angle 16.7 M (8-bit)

Color Value Screen Treatment 2Н Haze Level 3% Refresh Rate 60 Hz

Black Super Narrow Bezel Front Type

Orientation Horizontal Operation Hours Area of Usage Indoo

MAINBOARD

17MB135VS

MONITOR CONNECTIVITY

RGB Input VGA(DE-15F) RGB Output N/A

3xHDMI2.0, 2xUSB2.0, USB2.0(Internal), 1xMicroSD Video Input

Video Output HDMI2.0 Audio Input Line In L/R

Headphone, Optic SPDIF Audio Output

External Control RS232(DE-9F), 2*Ethernet(RJ45), Service(RJ12)

External Sensor

TOUCH TECHNOLOGY

Type of Touch Technology Infrared (IR) Technology

Supported Point 10 Points

Orientation

Calibration

Accuracy

Any touch with finger, gloved hand or pointer Sensitivity

Connectivity HID, TUIO, Flash

Windows®7, Windows®8, Windows®10, Vista, XP, Supported OS and Applications Mac[®] OS, Linux, Android

Up to 450 fps

Landscape support No need %90 <

Reporting Rate Glass Type Anti Glared (AG), 4mm Tempered

Frame Rate up to 450 fps Communication USB 2.0 Power Supply Mode USB DC 5V +/- 5% Supply Voltage Average Current <400mA 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 400 x 200 mm Vesa Mounting B:34 | T:34 | L/R:34 mm Bezel Width

90% 110 VAC - 240 VAC Power Supply

ENVIRONMENTAL CONDITIONS

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

FEATURES

Open Content Management Support, Scheduler, USB-Autoplay, Main Features

Auto-Launch, HDMI-CEC, HDMI-Hotplug, Auto-switch on Failover,

IR Touch, Joystick, IR Extender Support, Rocker Switch, Mechanical Detachable power cable, Carrying slots, Detachable logo

positioning, Internal usb cover, Cable Holder

Optional Features OPS Compliance Speaker 2 x 8 W

CERTIFICATION

Safety YES EMC YES CE YES

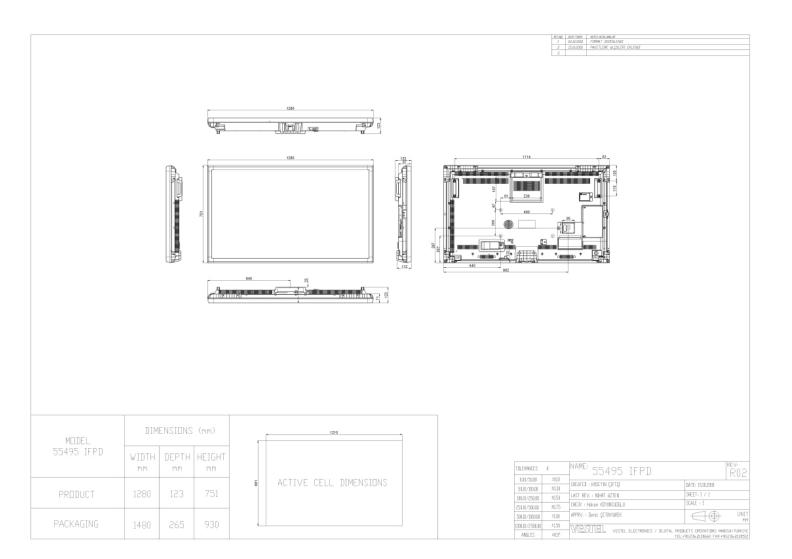
POWER CONSUMPTION

Typical 83 W Deep Standby ≤0.5W

ACCESSORY

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

Reability Approval



YES