



65" 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 | 65" |
| Panel Technology | Direct-Type LED |
| Backlight Type | 350 cd/m ² |
| Native Resolution | 3840 x 2160 (16:9) - UHD |
| 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 | 3% |
| Refresh Rate | 60 Hz |
| Front Type | Touch Bezel |
| Orientation | Horizontal |
| Operation Hours | 16/7 Panel |
| Area of Usage | Indoor |

MAINBOARD

| | |
|-----------------|---------|
| Mainboard Model | MB135VS |
|-----------------|---------|

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) Tech. - 10 Points |
| Sensitivity | Any touch with finger, gloved hand or pointer |
| Connectivity | HID, TOUCH, 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), 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) |
| Object Sizes for Touch | 5 mm |
| Touch Durability | Unlimited |
| HID Compatibility | Yes USB |

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% |

POWER

| | |
|--------------|-------------------|
| Power Supply | 110 VAC - 240 VAC |
|--------------|-------------------|

POWER CONSUMPTION

| | |
|--------------|--------|
| Typical | 195 W |
| Deep Standby | ≤ 0.5W |

FEATURES

| | |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Main Features | Device Management, Scheduler, USB-Autoplay, Auto-Launch, HDMI-CEC, HDMI-Wakeup, Autoswitch on Failover, Panel Lock |
| 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 8 W |

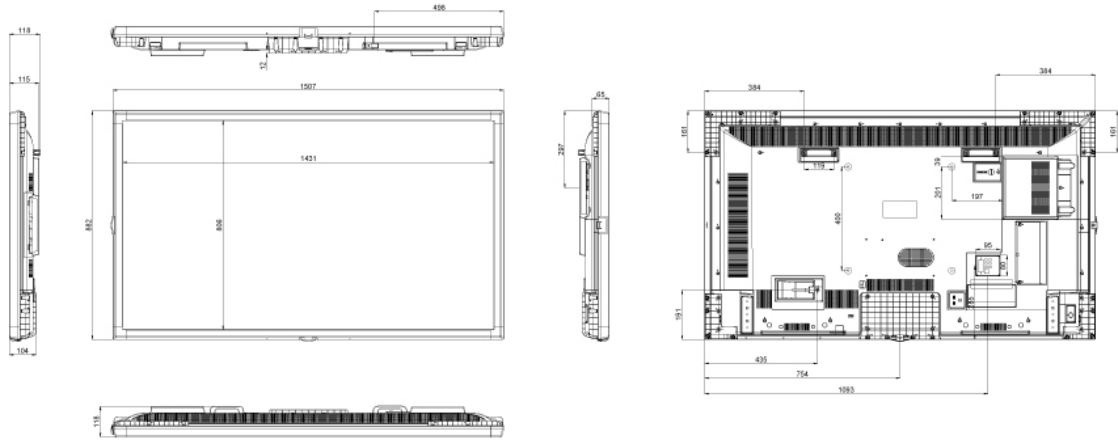
ACCESSORY

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

CERTIFICATION

| | |
|--------------------|-----|
| Safety | YES |
| EMC | YES |
| CE | YES |
| Reability Approval | YES |

| | | |
|----------|-------------|------------------------|
| REVIZYON | REVIZYON NO | REVIZYON TARİHİ |
| 1 | 04.03.2008 | YEMER / BAZELON |
| 2 | 15.08.2009 | OPEN / BEPİM / BAZELON |
| 3 | | |



| MODEL | DIMENSIONS (mm) | | | |
|------------|-----------------|-------------|--------------|-------------------------------|
| | WIDTH mm | DEPTH mm | HEIGHT mm | |
| 65495 IFPD | 1507 | 118 | 882 | <p>ACTIVE CELL DIMENSIONS</p> |
| PRODUCT | 1507 | 118 | 882 | |
| PACKAGING | 1756 | 265 | 1100 | |

| TOLERANCES | κ | NAME: | REV: |
|------------|-------|--------------------------------------------------------------------------------------------------------------------------|------------------|
| 0.00/0.000 | +0.00 | 65495 IFPD | R02 |
| 0.00/0.000 | +0.01 | CREATED : HOSEYIN ÇİFTÇİ | DATE: 05.08.2009 |
| 0.00/0.000 | +0.01 | LAST REV. : NEMET BAZELON | SHEET: 1 / 1 |
| 0.00/0.000 | +0.05 | CHECK : Hakan KÖTÜKÜOĞLU | SCALE: 1:1 |
| 0.00/0.000 | +0.75 | APPROV. : Deniz ÇETİNYÜREK | UNIT mm |
| 0.00/0.000 | +1.00 | | |
| 0.00/0.000 | +1.50 | | |
| ANGLES | +0.5° | VESTEL VESTEL ELECTRONICS / ULJITAL, PRODUCTS OPERATIONS PAKISTAN/TURKEY TEL:+90226 8136660 FAX:+90226 8136662 | |