True Interactivity for Bringing People Together

With differentiated cutting-edge touch technology, the TR3BF Series supports Dual Pen & multi-touch functions providing accurate drawing and authentic touch quality. The Air Class feature and built-in web browser support multi-directional communication and interactive learning, which will help you achieve the successful business.
**Dual Pen & Multi Touch**

The TR3BF Series can support up to 20 points of simultaneous multi-touch and 10 points of simultaneous writing, as well as two types of stylus pens. This creates a lifelike board writing experience while making simultaneous collaboration much easier.

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**Palm Erasing**

The TR3BF Series allows you to easily erase text, drawings and pictures on the screen using your own hand. This is not only easier than using a stylus to erase, but it is as natural as erasing a whiteboard without the mess on your hands.
Air Class

Air class can connect up to 30 students and supports interactive meetings for virtually all types of mobile devices on the same network. Applications include tools such as voting, answering questions and sharing project literature.

Screen Sharing

The TR3BF Series allows you to share screens with laptops and other mobile devices. This content sharing method efficiently creates incredibly immersive class environments.

Built-in OPS Kit

The TR3BF Series supports OPS* slots, allowing you to conveniently mount an OPS computer at the back of the TR3BF without the hassle of connecting to an external desktop.

* Open Pluggable Specification
Web Browser

The TR3BF Series supports the Chrome web browser in the Android OS, so you can search the web easily and quickly without connecting to an external desktop.

All-in One

The TR3BF Series integrates selected Android and Note Apps into a high performance SoC, without a PC.
True Color, Immersive View

The TR3BF Series shows multimedia content to the attendees more vividly. The IPS panel clearly displays content even at wide viewing angles, regardless of where attendees are sitting.

Various Size with Ultra HD

The UHD resolution will show you details at a resolution that is four times higher than FHD, even when zoomed in. Various documents, images, and videos can be displayed without distortion of the image which is especially important with multiple students and teachers collaborating in an educational environment.
**DIMENSIONS**

**CONNECTIONS**

* Measurement has a plus-or-minus 2mm tolerance

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* Dimensions & Jack Panels (Read/Side) may differ from the above images, so please contact LG sales team to verify before ordering.
**LG Interactive Digital Board**  
**TR3BF Series**  

### SPECIFICATIONS

#### PANEL

<table>
<thead>
<tr>
<th>Screen Size</th>
<th>86&quot;</th>
<th>75&quot;</th>
<th>65&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>Panel Type</td>
<td>IPS</td>
<td>IPS</td>
<td>IPS</td>
</tr>
<tr>
<td>Aspect Ratio</td>
<td>16:9</td>
<td>16:9</td>
<td>16:9</td>
</tr>
<tr>
<td>Native Resolution</td>
<td>3840 x 2160 (UHD)</td>
<td>3840 x 2160 (UHD)</td>
<td>3840 x 2160 (UHD)</td>
</tr>
<tr>
<td>Brightness (Typical with Protection Glass)</td>
<td>280 nits</td>
<td>280 nits</td>
<td>300 nits</td>
</tr>
<tr>
<td>Contrast Ratio</td>
<td>1100:1</td>
<td>1100:1</td>
<td>1200:1</td>
</tr>
<tr>
<td>Viewing Angle</td>
<td>178 x 178</td>
<td>178 x 178</td>
<td>178 x 178</td>
</tr>
<tr>
<td>Response Time</td>
<td>8ms (G to G)</td>
<td>5ms (G to G)</td>
<td>9ms (G to G)</td>
</tr>
<tr>
<td>Minimum Life Time (Typical)</td>
<td>30,000 Hrs</td>
<td>30,000 Hrs</td>
<td>30,000 Hrs</td>
</tr>
<tr>
<td>Operation Hours</td>
<td>16 Hours/Day</td>
<td>16 Hours/Day</td>
<td>16 Hours/Day</td>
</tr>
</tbody>
</table>

#### CONNECTIVITY

**INPUT**

- Video / Audio: HDMI (3), RGB / Audio In
- External Control: RS-232C In, RJ45
- USB: USB 2.0 (3, Front: 2ea, Bottom side: 1ea, Only for software update), USB 3.0 (3), Touch Out (USB2.0, B Type) (2)

**OUTPUT**

- Video / Audio: HDMI (1), Optical Output / Audio Out

#### MECHANICAL SPECIFICATION

- Bezel Color: Black
- Bezel Width (Off Bezel): Top/Right/Left: 17.7mm, Bottom: 45.7mm
- Monitor Dimensions (W x H x D): 77" x 44.7" x 3.4" / 1957x1160x86mm 67.3" x 40.2" x 3.4" / 1709x1020x86mm 58.6" x 35.3" x 3.4" / 1488x897x86mm
- Weight (Head): 147.7 lbs / 67kg 116.8 lbs / 53kg 88.2 lbs / 40kg
- Carton Dimensions (W x H x D) with pallet: 87.8" x 59" x 11.2" / 2230×1499×285mm 76.8" x 49.8" x 11.2" / 1950×1266×285mm 66.9" x 46.3" x 9.8" / 1700×1175×250mm
- Packed Weight: 240.6 lbs / 109kg 187.4 lbs / 85kg 149 lbs / 67.6kg
- Handle: Yes
- VESA® Standard Mount Interface: 800 x 600

#### KEY FEATURES

- HW: Internal Memory (16GB), SoC (Hisi B11, Dual core A73+Dual core A53), DDR (3GB), Wi-Fi (Built-in, Slot type), Power Indicator, Local Key Operation (1, Power button)
- SW: Android 8.0

#### ENVIRONMENT CONDITIONS

- Operation Temperature: 32°F to 104°F / 0°C to 40°C
- Operation Humidity: 10 % to 80 %

#### POWER

- Power Supply: 100-240V, 50/60Hz
- Power Type: Built-In Power
- Power Consumption (Typ./Max): 400W / 450W 260W / 300W 240W / 280W

#### SOUND

- Speaker: Built in 24W (12W + 12W)
- Built in 24W (12W + 12W)
- Built in 24W (12W + 12W)

#### STANDARD (CERTIFICATION)

- Safety: UL / cUL / CB
- EMC: FCC Class A / CE
- Energy Star: Yes / Yes

#### MEDIA PLAYER COMPATIBILITY

- OPS type compatible: Yes / Yes / Yes

#### TOUCH SPECIFICATIONS

- Touch type: IR
- Available object size for touch: > 3 mm
- Response Time: Less than 60 ms (Android) / Less than 100 ms (Windows)
- Accuracy: ± 5.5mm
- Interface: USB 2.0
- Protection Glass Thickness: 4T (Anti-Glare)
- Protection Glass Transmission: 87%
- Operating System Support: Windows 7/8/10/Linux/Mac/Android
- Max Simultaneous Touch: 20 Points Multi Touch / 10 Points Writing

#### ACCESSORIES & OTHER

- Basic: Power Cord (3m), USB Cable (5m), HDMI Cable (3m), HDMI Cable 3 M*, Writing Pen*2pcs, User Manual, QSG, Carton Box, Remote Control
- Embedded Writing Software: Yes
- Country of Origin: Korea
- Warranty: 3 Year Limited Warranty

*Specifications are subject to change without notice, so please contact LG sales team to verify before ordering.*