This is pre-released marketing material. Specifications and features in this material are subject to change in the final commercial product.

True Interactivity for Bringing People Together

TR3BF Digital Board

LG Interactive Digital Board

The extended functionality of TR3BF makes education for students more interesting.

Fluent Touch & Writing Experience

Easy to use writing software

Connectivity & Sharing
Key Feature

- Various size (65, 75, 86”)  
  High picture quality (UHD), and wide view angle (IPS)
- Fluent and natural touch writing experience
- Support up to 20 points multi touch and 10 points writing with fast response
- Support 2 stylus pens writing and presenting 2 colors at the same time
- Intuitive UX/UI with built-in annotation SW
- Embedded SW based on High Performance SoC with Android OS
- Provide power built-in OPS kit
- Airclass: Interactive class software with maximum 30 students
- Various annotation tools such as timer, counter, spotlight and etc
- Screen sharing with various devices supporting Android, Windows, Mac and IOS
**Highlight**

**High Quality Display**

LG IDB provides the best picture quality regardless of content type and viewer position.

**Natural Touch Experience**

Support up to 20 points multi-touch, and 2 stylus pens with 2 colors at the same time.

**Air Class**

LG IDB engages students to a class. Airclass supports connection at maximum 30 students and provides various tools such as Vote, respond and project texts with any mobile device in the same network.

**Multi OS Compatibility**

Make it really easy for everyone to share their devices with the LG IDB. It supports any device Android, Mac, Windows and IOS.
### Dimension

**65TR3BF**

- 1489 x 2 mm
- 1403.5 mm (OPENING)
- 1438 x 1.5 mm (ACTIVE AREA)
- 86 mm

**75TR3BF**

- 1710 x 2 mm
- 1644 mm (OPENING)
- 1651.5 mm (ACTIVE AREA)
- 86 mm

**86TR3BF**

- 1958 x 2 mm
- 1922 mm (OPENING)
- 1895 x 1.5 mm (ACTIVE AREA)
- 86 mm

### Specification

<table>
<thead>
<tr>
<th></th>
<th>65</th>
<th>75</th>
<th>86</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Size</strong></td>
<td>65</td>
<td>75</td>
<td>86</td>
</tr>
<tr>
<td><strong>Resolution</strong></td>
<td>3,840 x 2,160</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Brightness</strong></td>
<td>350 nit</td>
<td>330 nit</td>
<td>330 nit</td>
</tr>
<tr>
<td><strong>Contrast Ratio</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(Typical)</td>
<td>1,200 : 1</td>
<td></td>
<td></td>
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<tr>
<td><strong>Viewing Angle</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(H x V)</td>
<td>178 x 178</td>
<td></td>
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<tr>
<td><strong>Response Time</strong></td>
<td>8 ms</td>
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<td></td>
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</tbody>
</table>

**PANEL (IPS)**

- Video / Audio: HDMI (3), RGB (1), Composite (1) / Audio
- External Control: RS232C (1), RJ45 (1)
- USB: USB 2.0 (3), USB 3.0 (3), Touch Out (2)
- Video / Audio: HDMI (1) / Audio, SPDIF
- Built-in Speaker (12W + 12W)

**CONNECTIVITY**

**INPUT**

**OUTPUT**

**SPEAKER**

**PLATFORM**

**TOUCH**

- Detection Method: IR
- Pen Type / Pen location: Passive / Front (2)
- Operating System Support: Windows 10, 8, 7, XP / Vista / Linux / Mac / Android
- Multi Touch Point: 20 Points touch, 10 Points Writing

**DIMENSION**

- Weight (Head): 40 kg, 53 kg, 67 kg

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