True Interactivity for The Most Collaborative Meeting

In complex, collaborative writing environments such as meeting rooms and classrooms, the 86TN3F is the ideal solution. The In-Cell Touch and Active Pen, which incorporate state-of-the-art touch technology, provide an unrivaled cursive writing experience. In addition, you can easily connect anytime, anywhere with virtually any device, so that you can hold smart meetings and collaborations.
In-Cell Touch

The In-Cell Touch technology of the TN3F provides advantages in writing performance and visibility, delivering a high-quality user experience with its slim design and outstanding writing performance.

Active Pen

Use TN3F’s Active Pen to write in a more natural and detailed way. The Active Pen is pressure sensitive, so strokes can be thick or thin, and the user’s handwriting can be perfectly reproduced on the screen.
Screen & File Sharing

TN3F’s screen sharing provides the content-sharing function with laptops or various mobile devices, enabling more efficient and immersive meetings. Using the IDB DUO App, files can be directly shared between the Interactive Digital Board and the client devices, so you can carry out smarter meetings.

Data Mirroring

TN3F’s data mirroring technology enables two-way writing and sharing in real time to remotely share annotations and facilitate collaboration in meetings in any space, anytime and anywhere.
Interactive UX/UI
(New Interactive Display App)

The new Interactive Display Application features an intuitive user interface that includes a simple launcher menu, easy control center, and seamless tool bar.

All-in One

The TN3F integrates both webOS and IDB* apps into a high-performance System on Chip (SoC) that allows functionality without the need to connect a laptop. The IDB mode can be instantly started with just one touch.

USB-C Type Ready

The TN3F provides video, audio, and power all in one, making it quick and easy to connect to other devices for smarter meetings. It also supports USB Type-C connectors that can more efficiently replace other connectors, such as USB-B, USB-A and HDMI.
The TN3F is large enough to display content and catch the attention of various meeting participants. The IPS panel clearly conveys content at extreme viewing angles, regardless of where participants are sitting. Each pixel of the IPS panel reproduces the actual image’s color without any distortion.

Using UHD resolution will allow you to view details at a resolution that is four times higher than FHD, even while zoomed in. Documents, images, and videos are displayed without any distortion of image quality, which is especially important in a complex business environment.
DIMENSIONS

86TN3F

CONNECTIVITY

86TN3F

Back

Front

* Dimensions & Jack Panels (Read/Side) may differ from the above image, so please contact LG sales team to verify before ordering.
# SPECIFICATIONS

<table>
<thead>
<tr>
<th><strong>86TN3F</strong></th>
<th><strong>LG In-Cell Interactive Digital Board</strong></th>
<th><strong>TN3F</strong></th>
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## PANEL
- **Screen Size**: 85.6
- **Panel Technology**: IPS
- **Black Light Type**: Edge
- **Aspect Ratio**: 16:9
- **Native Resolution**: 3,840 x 2,160 (UHD)
- **Brightness**: 350 nits (w/Protection Glass)
- **Contrast Ratio**: 1,000:1
- **Viewing Angle (H x V)**: 178 x 178
- **Response Time**: 8ms (G to G)
- **Life time (typ.)**: 30,000 Hrs (Typ.)
- **Operation Hours**: 16 Hours
- **Orientation**: Landscape

## CONNECTIVITY
- **Video / Audio**: HDMI (3), DVI-D, USB Type C / Audio In/Out
- **External Control**: RS232C In/Out
- **USB**: USB 2.0 (2), USB Type C (USB3.0), Touch Out (USB2.0, Type C)

## MECHANICAL SPECIFICATION
- **Bezel Color**: Black
- **Bezel Width (T/L/R/B)**: 28.8mm
- **Monitor Dimension (W x H x D)**: 76.9 x 45.8" x 3.4" / 1952.6 x 1164.1 x 86.4mm
- **Weight (Head)**: 14.7 lbs / 6.7 kg
- **Weight (Packed)**: 21.5 lbs / 9.6 kg
- **Handle**: Yes
- **VESA™ Standard Mount Interface**: 600mm x 400mm

## KEY FEATURES
- **SW**: webOS 4.0
- **HW**: Internal Memory (64GB), SdC (M16++), DDM (S33W), Wi-Fi (Built-in), Local Key Operation (2, Power/AscitveMenu)

## 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)**: 360W / 420W

## SOUND
- **Speaker**: Built-in (6W/channel)

## STANDARD (CERTIFICATION)
- **Safety**: UL/cUL, CB/FCC, IEC / KC
- **EMC**: FCC Class A / CE / KC
- **MEDIA PLAYER COMPATIBILITY**: OPS type compatible

## ACCESSORIES
- **Basic**: Remote Controller, Power Cord, QSG, HDMI (3M), DVI-D, Regulatin Book, Phone to RS232C Gender, Touch Pen (2ea, include battery 2ea), Pen Tip (2ea), USB Type C (Cable, Ferrite Core Filter)

## SPECIAL FEATURES
- **Bill App**: Yes
- **Touch type**: In-cell
- **Available object size for touch**: 5 mm
- **Response Time (PC Windows 10)**: 70ms
- **Accuracy**: 1.5 mm
- **Interface**: USB 2.0
- **Protection Glass Thickness**: 1.85 (Anti-Glare)
- **Protection Glass Transmission**: 88%
- **Operating System Support**: Win7, Win8, Win10
- **Multi touch point**: Finger Max: 20 Point (Windows), Finger Max: 10 Point (webOS), Active Pen: Max: 2 Point

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