

True Interactivity for The Most Collaborative Meeting

In a complex writing environment such as meeting rooms and classrooms, TN3F 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 to any device anytime, anywhere, so that you can hold smart meetings and collaborations. Ultimately, this will help lead your business to success.



Natural Cursive
Writing Experience



Collaboration
& Connectivity

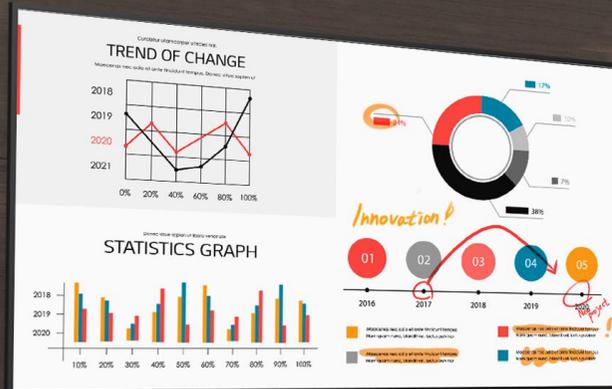


User Friendly
Experience



Superior
Picture Quality





In-Cell Touch

The In-Cell touch technology provides advantages in writing performance, visibility, and design because the LCD panel and protective glass are directly bonded with no air gaps.

The In-Cell touch signage delivers a high-quality user experience and boosts your efficiency 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.



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.



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.



Interactive UX/UI (New Interactive Display App)

New Interactive Display Application supports intuitive UX/UI that includes a simple launcher menu, easy control center, and seamless tool bar.



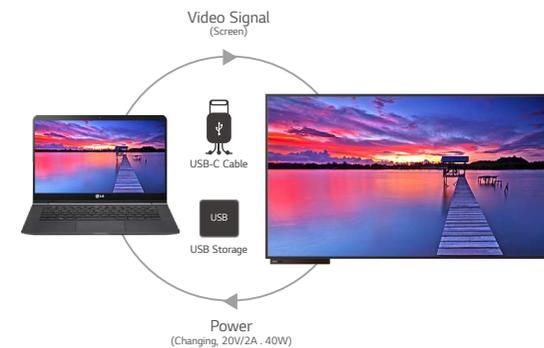
All-in One

The TN3F integrates both webOS and IDB apps into a high performance SoC, without a PC. 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-C type cables that can replace other connectors, such as USB-B, USB-A and HDMI.



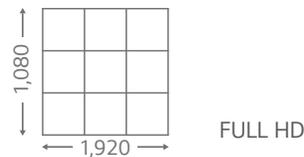
True Color, Immersive View

The TN3F is large enough to display content and catch the attention of various meeting participants. The IPS panel clearly conveys content at various angles, regardless of where participants are sitting. Each pixel of the IPS panel reproduces the actual color of images without any distortion.

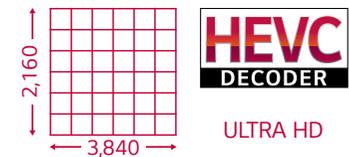


Vivid Color Details with Ultra HD

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

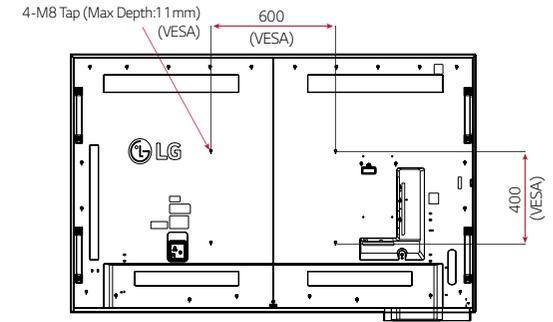
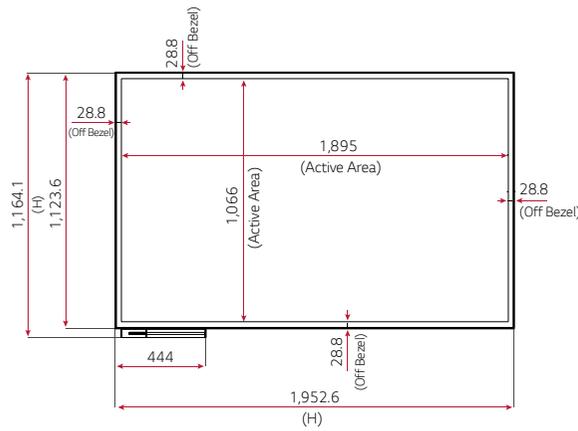


FULL HD



ULTRA HD

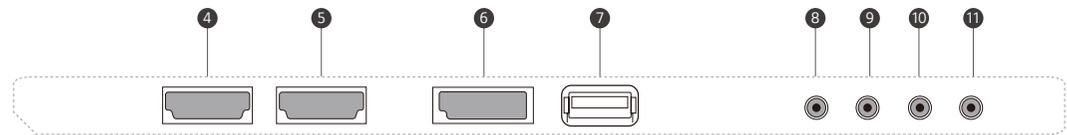
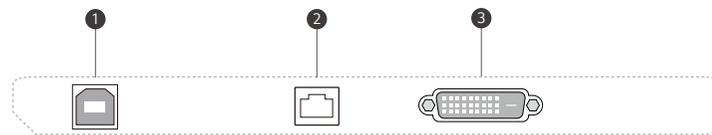
86TN3F



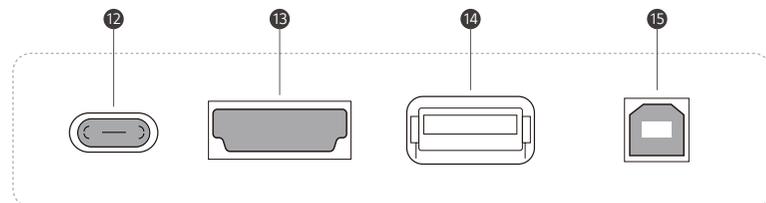
CONNECTIVITY

86"

Back



Front



- 1 TOUCH USB
- 2 LAN
- 3 DVI-D IN
- 4 HDMI IN 1
- 5 HDMI IN 2
- 6 DP IN
- 7 USB 2.0 IN
- 8 RS-232C OUT
- 9 RS-232C IN
- 10 AUDIO OUT
- 11 AUDIO IN
- 12 USB TYPE-C
- 13 HDMI IN 3
- 14 USB 2.0 IN
- 15 TOUCH USB

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

SPECIFICATION

TN3F : In-cell/webOS

86TN3F

PANEL	Screen Size	85.6"
	Panel Technology	IPS
	Native Resolution	3,840 × 2,160 (UHD)
	Brightness	350 cd / m ² (w/ Protection Glass, Typ.)
	Contrast Ratio	1,000 : 1
	Viewing Angle (H × V)	178 × 178
	Response Time	8ms (G to G)
	Operation Hours (Hours / Days)	16 / 7
CONNECTIVITY	Portrait / Landscape	No / Yes
	Input	HDMI (3), DP, DVI-D, Audio
	External Control	RS232C In/Out, RJ45(LAN) In
MECHANICAL SPECIFICATION	USB	USB 2.0 Type A (2), USB 2.0 Type C, Touch Out USB (2)
	Bezel Color	Black
	Bezel Width	28.8 mm (Even Bezel)
	Monitor Dimensions (W × H × D)	1,952.6 × 1,164.1 × 86.4 mm
	Weight(Head)	66.7 kg
	Packed Weight	96.4 kg
	Handle	Yes
KEY FEATURES	VESA™ Standard Mount Interface	600 × 400
	HW	Internal Memory (64GB), SoC (M16++), DDR (3GB), Wi-Fi (Built-in), Local Key Operation (2, Power/AssitvieMenu)
ENVIRONMENT CONDITIONS	SW	webOS 4.0
	Operation Temperature	0 °C to 40 °C
POWER	Operation Humidity	10 % to 80 %
	Power Supply	100-240 V~, 50/60 Hz
	Power Type	Built-in Power
SOUND	Power Consumption (Typ./Max)	360 W / 420 W
	Speaker	Built in (10 W / Ch)
STANDARD (CERTIFICATION)	Safety	CB / NRTL
	EMC	FCC Class "A" / CE / KC
	ErP	Yes (EU Only)
MEDIA PLAYER COMPATIBILITY	OPS type compatible	Yes
	Optional	OPS Kit (KT-OPSF)
ACCESSORIES	Basic	Remote Controller, Power Cord, QSG, HDMI (3M), Regulation Book, Phone to RS232C Gender, Touch Pen (2ea), Pen Tip (12ea), Tip Remover (2ea), USB Type-C Cable, Touch USB Cable, Ferrite Core Filter
SPECIAL FEATURES	IDB App	Yes
TOUCH SPECIFICATIONS	Touch type	In-cell
	Available object size for touch	Ø5 mm ↑ (Active Pen: Ø2 mm ↑)
	Response Time (PC Windows 10)	70 ms ↓
	Accuracy	±1.5 mm
	Interface	USB 2.0
	Protection Glass Thickness	1.85 T (Anti-Glare)
	Protection Glass Transmission	88 %
	Operating System Support	Win7 professional, Win8.1, Win10
Multi touch point	Finger : Max 20 Point (Windows), Finger : Max 10Point (webOS), Active Pen : Max 2 Point	

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



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