55TR3DK-B 55" Interactive Digital Board

DATA SHEET

Product Information	
EAN	8806091832917
Brand	LG
SKU	10392480
Manu Part #	55TR3DK-B.AUEQ

Network	
Ethernet LAN data rates	10,100,1000 Mbit/s
Bluetooth	Y
Ethernet LAN	Y
Wi-Fi	Y
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)
Bluetooth version	5
Top Wi-Fi standard	Wi-Fi 6 (802.11ax)

Ports & interfaces

Ethernet LAN (RJ-45) ports	2
HDMI ports quantity	3
Line-in	Y
VGA (D-Sub) ports quantity	1
Line-out	Y
HDCP version	2.2
HDCP	Y

Features

Viewing angle, horizontal	178°
Display diagonal	139.7 cm (55")
HD type	4K Ultra HD
Response time	8 ms
Display brightness	390 cd/m²
Panel type	IPS
Maximum refresh rate	60 Hz
Contrast ratio (typical)	1200:1
Touchscreen	Y

Display resolution	3840 x 2160 pixels
Colour gamut	72%
Contrast ratio (dynamic)	50000:1
Viewing angle, vertical	178°

Projector

Aspect ratio	16:9
Built-in projector	N

Weight & dimensions

Depth	774 mm
Height	87 mm
Width	1271 mm
Weight	26.1 kg

Packaging data

Package depth	859 mm
Package width	1401 mm
Package height	220 mm

Package weight	34.5 kg

Power

Power consumption (max)	395 W
Power consumption (typical)	170 W
AC input voltage	100 - 240 V
AC input frequency	50 - 60 Hz
Power consumption (off)	0.5 W

Operational conditions

Operating temperature (T-T)	0 - 40 °C
Operating relative humidity (H-H)	10 - 90%

Audio

Built-in speaker(s)	Y
Number of built-in speakers	2
Speaker power	15 W

Computer system

Graphics card	Mali-G52 MP2
RAM capacity	32 GB

Sustainability

Sustainability certificates	ENERGY STAR

Ergonomics

VESA mounting	Y
Panel mounting interface	400 x 200 mm
Product colour	Black

Product Description

Various Teaching Templates TR3DK series offers a variety of educational templates and teaching tools such as a ruler, table, and sticky notes, allowing for active engagement by students and enabling intuitive classes. Editing images and videos becomes easy with TR3DK series, and created resources can be easily shared with others through QR codes. Multi-touch TR3DK Digital Board can simultaneously detect up to 40 points for multi-touch functionality. This creates a lifelike board touch experience, helping students easily become accustomed and truly engage in classes. This leads to the maximum concentration and organic engagement of students. Easy to Save / Import / Export TR3DK series include simple import and export functionality. Resources can be saved and imported directly to and from Google Drive or OneDrive, and files can be imported from a USB drive (Users can browse resources saved on USB storage). Wireless ScreenShare LG CreateBoard Share enables users to show up to 9 shared screens or a file on a screen in real-time when the LG CreateBoard Share app is installed on the device. Also, files from the host can be easily sent to any devices connected to the LG CreateBoard Share app, and several quick controls by the host are available. LG ConnectedCare DMS LG ConnectedCare DMS is a cloud solution for remotely monitoring, controlling, and managing the status of TR3DK Digital Board installed in educational environments. This feature enables IT managers to operate and manage important resources on operating devices without physically visiting sites. Bluetooth Connectivity TR3DK Digital Board supports wireless Bluetooth connections to various devices such as a speaker, mouse, keyboard, etc. This is optimal for building a hybrid environment so that online and offline classes can proceed smoothly. C-type Connection USB-C connectivity simplifies connections which enables charging and sending data simultaneously over just one single cable. Front Connectivity Design TR3DK Digital Board features front display ports and speakers which are ideal for both teachers and students, enabling content to be delivered easier with more immersive sound. Built-in OPS Slot TR3DK Digital Board supports OPS slots, allowing you to easily and conveniently mount OPS desktop at the back of the TR3DK Digital Board without the hassle of connecting to an

external desktop, offering you more expanded functions. Smart Viewing The Smart Viewing feature of TR3DK Digital Board enables efficient teaching. Two or more materials can be displayed on the same screen simultaneously without having to repeat Alt-tab, making teaching more convenient and efficient. Two materials can be displayed side by side (multi window mode), or one material can be overlaid on the other one (picture-in-picture mode). Power Saving When a device doesn't receive an external input signal for a specific amount of time set by the user, the device goes into standby mode. Devices can also be automatically turned on or off at specific time or day set by the user, which contributes to save energy.