

# CLEVERTOUCH<sup>®</sup>

## M Series

The entry level interactive display from Clevertouch, the UK's number one. Combining high quality design, functionality, durability and 4K resolution with the flexibility to create your own bespoke solution.



**Annotation tools** let you annotate over internet browsers, documents, apps or desktop.

Compatible with **Windows, Mac OS X, macOS** and **Chromebook**.

Free **over-the-air updates**. Always have the latest firmware and features.



**Internet browser** allows you to browse the web without the need to connect to a PC.

**Super-Glide Surface**. Smooth glass for a fluid writing experience.

**Connectivity** includes HDMI IN & HDMI Out, DisplayPort, VGA, RS232 and USB.

## LUX User Interface

The LUX user interface has been designed to be simple to use and intuitive. With functionality similar to a tablet or smartphone, every task requires just a quick touch or swipe to action. Clevertouch have created a system that is so simple, anyone can walk into the room and use the screen with no training or prior knowledge.

Software Included for free with no ongoing subscription costs

## Bring lessons to life with Snowflake

A desktop and online educational software that brings interactivity to your school and boosts classroom engagement by using Smarter Human Interaction. Snowflake enables teachers and students to tell engaging, interactive stories that align closely with the curriculum, it provides a safe community for online and small group collaboration, and it allows simultaneous personalized instruction making curriculum relevant to students' lives.



## Work anywhere with

### LYNX

Lynx annotation and lesson planning software enables students to interact with content and collaborate in the classroom. Using Lynx, teachers can create imaginative lessons with content from a variety of sources. The newly designed interface makes Lynx easy to use, and the upgraded system gives a fast, smooth, simple experience.



## M Series | Specifications

### Display

<b>Diagonal Size</b>	65" 4K 75" 4K 86" 4K
<b>Screen Type</b>	LCD
<b>Aspect Ratio</b>	16:09
<b>Display Colours</b>	1.07 Billion (10 bit)
<b>Resolution</b>	4K UHD (3840x2160 @60Hz)
<b>Response Time</b>	8ms(Typ)
<b>Refreshing Frequency</b>	60Hz
<b>LCD Viewing Angle</b>	178°
<b>Brightness</b>	350 cd/m2
<b>Contrast Ratio</b>	65" 1200:1 75" 1200:1 86" 1200:1
<b>Dynamic Contrast Ratio</b>	4000:1
<b>Glass Hardness</b>	4mm Toughened Glass with Level 7 of Mohs Standard
<b>Glass Type</b>	Heat tempered - Anti Glare - Super Glide Surface
<b>Air gap</b>	1mm (zero bonding)
<b>Life of Screen</b>	50,000 Hours

### Physical Specifications

<b>Panel Dimensions</b>	65" 1489x897x87mm 75" 1709x1019x87mm 86" 1957x1160x87mm
<b>Packed Dimensions</b>	65" 1656x204x1050mm 75" 1860x280x1140mm 86" 2112x280x1283mm
<b>Net Weight</b>	65" 39kg 75" 86" 67.45Kg
<b>Packed Weight</b>	65" 50KG 75" 86" 86.6Kg
<b>VESA Mount Point</b>	65" 600x400mm 75" 800x400mm 86" 800x600mm

© 2019 Clevertouch. All rights reserved. Sahara Presentations Systems PLC. is the owner of a number of trademarks in several jurisdictions across the world including but not limited to Clevertouch, the Clevertouch logo, UX Pro, IMPACT™, IMPACT™ Plus, LUX, Lynx, CleverMessage, Cleverstore and CleverShare. All third-party trademarks (including logos and icons) referenced by Clevertouch remain the property of their respective owners. Unless specifically identified as such, Clevertouch's use of third-party trademarks does not indicate any relationship, sponsorship, or endorsement between Clevertouch and the owners of these trademarks. Applicable Terms and Conditions for warranty and support available at [clevertouch.com/about/warranty](http://clevertouch.com/about/warranty). All weights and dimensions are approximate. Product specifications are subject to change without notice. Clevertouch.com.

# M Series | Specifications

## Interactivity

<b>Continuous Touch Points</b>	2 points writing and 20 points touch
<b>Touch Resolution</b>	32768x32768px
<b>Response Time</b>	<10ms
<b>Touch Accuracy</b>	±2mm
<b>Minimum Object Size</b>	3mm
<b>Touch Tool</b>	Finger, passive pen, opaque objects

## Connectivity

<b>HDMI IN</b>	3
<b>HDMI Out</b>	1(4K2K OUT)
<b>USB-A 2.0</b>	3 (Front* 2, Bottom side* 1 Only for software update, any device)
<b>USB Touch (type B)</b>	2
<b>USB A 3.0 (faster data transfer)</b>	3 (OPS 3.0, Android 2.0)
<b>LAN In (RJ45)</b>	1
<b>RS-232</b>	1
<b>Bluetooth</b>	3 (OPS 3.0, Android 2.0)
<b>Displayport In</b>	TBC
<b>VGA In</b>	1
<b>VGA Audio In</b>	Yes
<b>Optical Out</b>	1 x SPDIF
<b>Total touch out ports</b>	2
<b>Audio Out</b>	1
<b>Camera</b>	Optional Extra
<b>Proximity Sensor</b>	No
<b>Array Mic</b>	No
<b>OPS slot</b>	Yes

## Computing

<b>Operating System</b>	Android 8.0
<b>RAM</b>	3GB
<b>Internal Storage</b>	32GB
<b>CPU</b>	Dual core A73+Dual core A53
<b>GPU</b>	Dual core Mali G51

## Audio

<b>Dual Front Facing, Bass Enhanced Speakers</b>	2 x 10W (Front Facing)
--	------------------------

## Power

<b>Power Requirements</b>	100-240V ~ 50/60Hz
<b>Power Consumption (Standby)</b>	≤0.5W
<b>Ultra Quiet Fanless Design</b>	Yes

## Operating & Storage Environment

<b>Operating Temperature</b>	0° to 40°
<b>Storage Temperature</b>	-20° to 60°
<b>Operating Humidity</b>	10% to 90% RH
<b>Storage Humidity</b>	10% to 90% RH
<b>Altitude</b>	Below 5000 metres

## Compliance & Certification

<b>Regulatory Certification</b>	CE, FCC, UL, Energy Star & EEC, ISO 9001
---------------------------------	--