

# CLEVERTOUCH®

## 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.

**Clevershare** Screen mirror with up to 50 devices

## 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<br>75" 4K<br>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>Refreshing Frequency</b>   | 60Hz   |
| <b>LCD Viewing Angle</b>      | 178°   |
| <b>Brightness</b>             | 350 cd/m2  |
| <b>Contrast Ratio</b>         | 65" 1200:1<br>75" 1200:1<br>86" 1200:1           |
| <b>Dynamic Contrast Ratio</b> | 4000:1   |
| <b>Glass Hardness</b>         | Toughened Glass with Level 7 of Mohs Standard    |
| <b>Glass Type</b>             | Heat tempered - Anti Glare - Super Glide Surface |
| <b>Main Board</b>             | V811   |
| <b>Life of Screen</b>         | 30,000 Hours                                     |

### Physical Specifications

|                          |   |
|--------------------------|---|
| <b>Panel Dimensions</b>  | 65" 1488x896x87mm<br>75" 1709x1019x87mm<br>86" 1957x1160x87mm     |
| <b>Packed Dimensions</b> | 65" 1656x204x1050mm<br>75" 1860x280x1140mm<br>86" 2112x280x1283mm |
| <b>Net Weight</b>        | 65" 39kg<br>75" 53.05kg<br>86" 67.45kg                            |
| <b>Packed Weight</b>     | 65" 50kg<br>75" 69.85kg<br>86" 86.6kg                             |
| <b>VESA Mount Point</b>  | 65" 600x400mm<br>75" 800x400mm<br>86" 800x600mm                   |

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# 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>           | <8ms                                 |
| <b>Touch Accuracy</b>          | ±2mm                                 |
| <b>Minimum Object Size</b>     | 3mm                                  |
| <b>Touch Tool</b>              | Finger, passive pen, opaque objects  |
| <b>Clevershare App</b>         | Yes                                  |

## 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>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>NFC Reader / Writer</b>              | No  |
| <b>Camera</b>                           | Optional Extra  |
| <b>Proximity Sensor</b>                 | No  |
| <b>Array Mic</b>                        | No  |
| <b>OPS slot</b>                         | Yes   |
| <b>WiFi Module</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 15W (Front Facing) |
|--|------------------------|

## Power

|                                    |                                      |
|------------------------------------|--------------------------------------|
| <b>Power</b>                       | 65" 103.9W<br>75" 155.2W<br>86" 170W |
| <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 |
|---------------------------------|--------------------------------|