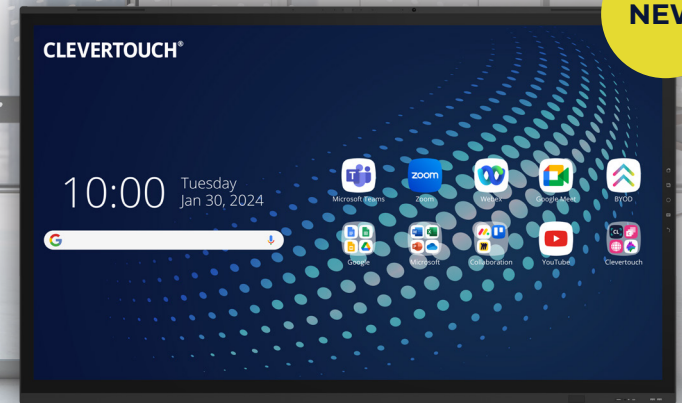


**CLEVERTOUCH®**  
by Boxlight®



**Clevertouch Edge**  
Push collaboration to the edge

## A complete all round UC meeting room set up in just one panel, one purchase

Clevertouch Edge gives you complete access to all your favourite apps directly from the screen. With Clevertouch Edge you only need to buy one panel to create a complete all round UC meeting room setup.

### **Sleek all-in-one design**

The all-in-one design seamlessly integrates an intelligent Sony camera system, advanced audio, interactive whiteboarding, and an intuitive launcher into a single, comprehensive collaboration display. This powerful combination enhances the meetings and provides flexible, creative interactions.



# A total transformation for collaboration in the workplace.



## In-built Sony top-mounted camera

48MP Pixel and 90° FOV with 5M distance focus, ePTZ and face detection auto tracking.

## Quick Launch Digital Buttons

Essential commands and software at your fingertips.

## Access and set up your workplace apps

Using Google play to set up workplace apps and lock the screen to disable download access'

## Crystal Clear Audio Experience

Front-mounted 2x 20W speakers and 2x 10W subwoofers



## Advanced Security Protection

Highly secure with the option to lock down settings and functionality.

## In-built Award-Winning Digital Signage

CleverLive software is included with no subscription fees

## Any Screen, Any Time

Login to any connected Clevertouch with your personal profile with Integrated NFC.

## FlatFrog In-Glass™ Technology

The most accurate writing experience



## Secure by design

For a security-conscious company, you can add Edge to your preferred management platform and prohibit access to the Google PlayStore, specific apps, specific settings and users.



Google Admin  
Workspace



Microsoft  
Intune

## Upgrade your solution

Combine Clevertouch Edge with an Intel Windows 10 Pro i5 or i7 OPS to enable you to load your existing apps and software from your network and ensure compatibility with your existing infrastructure.



In achieving this certification, Clevertouch demonstrates adherence to security and privacy through all data technology business practises.

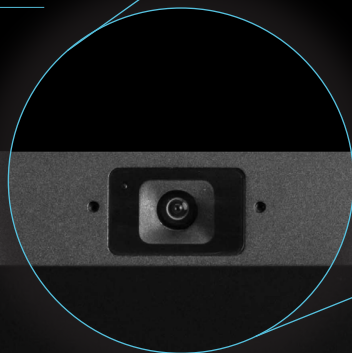
This includes the ability to protect data and systems from unauthorized access, use, or destruction through the implementation of secure company protocols

Experience exceptional virtual collaboration camera quality, with AI capabilities to always keep the speaker at the centre of the screen.

Adapts to mainstream cloud meeting apps and supports audio and video, 4K data sharing, and dual-stream meetings.

**SONY**

- Camera Pixel 48 MP
- Camera FOV 90°
- 5M Camera Focus Distance
- Auto tracking via face detection
- ePTZ (electronic pan, tilt, and zoom)
- Adapts to common cloud meeting apps
- HD Hardware Encoding and Decoding
- Supports 4k Video
- Voice Tracking



# Powerful Meetings Whenever. Wherever.

Built on the next-gen hardware platform architecture, Clevertouch EDGE is equipped with: Bring Your Own Meeting (BYOM), HD immersive meeting quality, and FlatFrog In-Glass IR pressure-sensitive natural writing experience. Easily adapting to mainstream VR meeting apps, it is a perfect solution for collaboration and communication to fit in any meeting room or space in your building.

## Bring your own meeting (BYOM)

Start a meeting on your laptop and connect to Clevertouch EDGE - it will instantly change from the laptop's camera and audio to the crystal clear Sony 4k camera and immersive audio of EDGE.





## Support your hybrid meeting with your chosen platform

### Platform Agnostic

With Clevertouch Edge, you aren't confined to just one UC platform. You can switch between platforms depending on the requirements of meeting participants.



USB-C for  
100w charge

Connect a laptop via USB-C for 100w charge pass through and access to the camera



zoom



# Interactivity in the meeting room

Enhance collaboration. Foster ideas.  
Increase engagement.

## Collaboration for meetings



Whiteboard with our own LYNX Whiteboard or use third party apps like Miro or Microsoft Whiteboard



Access your files from Google Drive, OneDrive, or Dropbox



Utilise images, videos, webpages, pdfs and more from leading media sources



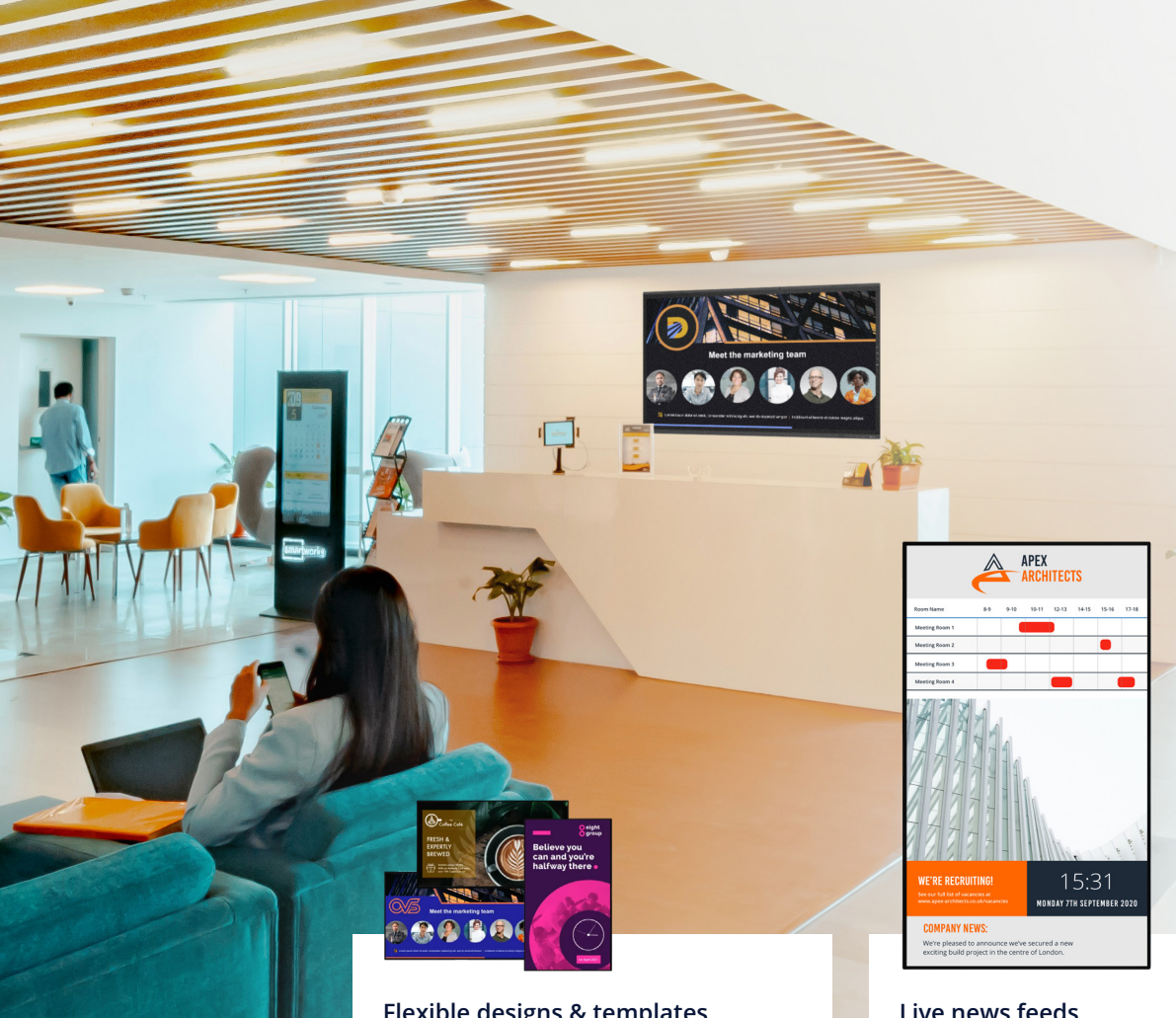
A natural feel to writing with our new pen



Split-screen mode for simultaneous use between two users

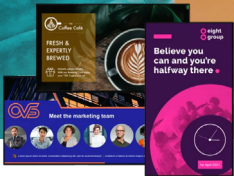


Annotate in real-time over any document



# Unlock the power of digital signage

Clevertouch EDGE is equipped with built-in digital signage at no extra cost. When the screen is not being used in meetings, you have the ability to switch to a communication channel that shares information in real-time.



## Flexible designs & templates

Users can engage dynamically with a large targeted audience to display messages that incorporate media formats including text, photos/images, videos, web pages, RSS feeds, and social media.

Room Name	8-9	9-10	10-11	11-12	14-15	15-16	17-18
Meeting Room 1							
Meeting Room 2							
Meeting Room 3							
Meeting Room 4							

**WE'RE RECRUITING!**  
See our full list of vacancies at [www.apex-architects.com/careers](#)

**15:31**  
MONDAY 7TH SEPTEMBER 2020

**COMPANY NEWS:**  
We're pleased to announce we've secured a new exciting build project in the centre of London.

## Live news feeds

Provide easy access to company news and industry relevant information for your employees to keep them on top of developments in fast-moving work environments. Set up custom news for each display and communicate more effectively.



## Content triggering systems

Our systems allow you to set up bulletin alerts and emergency messages for instant communication across your company. Whether you need to update everyone on the latest health and safety guidelines or quickly communicate internal changes, our content triggering systems are there to help.

# Flexibility is key in meetings

In-person, remote or hybrid - Clevershare gives you the freedom to host your meeting, your way. 62% of Enterprise users have more than 3 Unified Communication platforms. You need to be able to enter the meeting room and have the tools available to simply start a meeting on any of those UC platforms, whilst connecting to the display, audio and visual equipment in the room.

## One-tap to connect

With the App or CleverCast, it's just one-tap to connect. No wires, no drivers, no passwords. Colleagues and visitors alike will share the same easy-to-use experience.

## Two methods, same experience



**CLEVERSHARE®**

**OR**

**CLEVERCAST®**



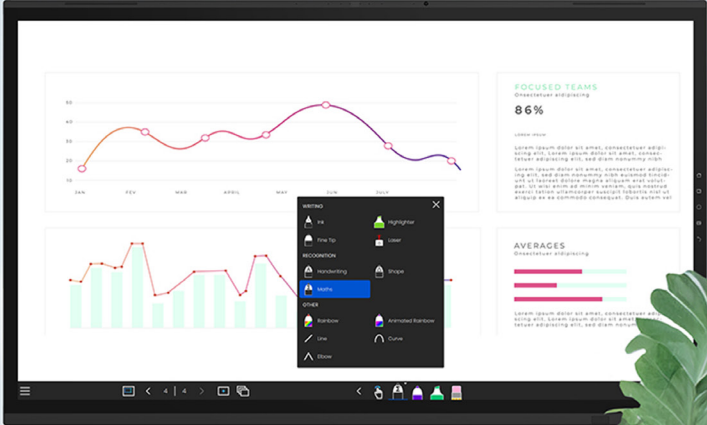
### Clevershare app

Download it for free to any device. Enter the code from your UX Pro and instantly share content from your device to the large format display.

### CleverCast

Plug the USB-C dongle into your laptop and click the button to share your screen with the UX EDGE Pro display.

# Intelligent Whiteboard



**16 ms ultra-low writing latency**  
Synchronous and precise writing on screen



**Handwriting recognition**  
Convert your handwriting and drawings to digital forms



**Multiple pen thicknesses in full color**  
Optional handwriting thickness and unlimited colour choices



**Full-screen annotation**  
Taking a snapshot of any webpage or app and pasting it to your whiteboard app for annotation



**Multi-touch gestures**  
Select, move, zoom, and erase with gestures



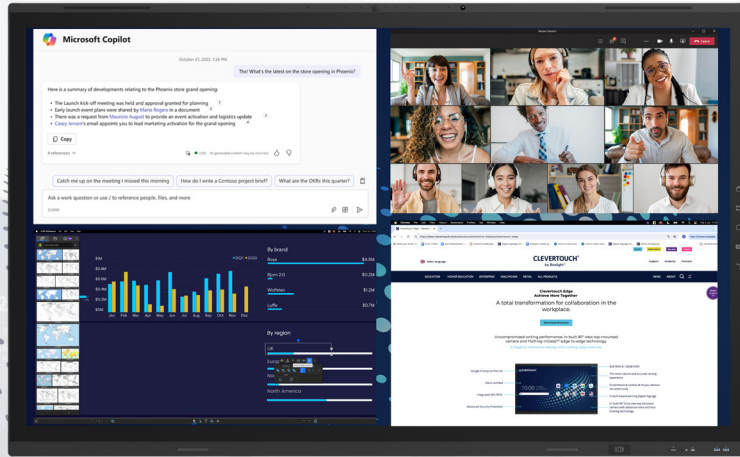
**Remote bidirectional collaboration**  
One tap to share whiteboard content for real-time collaboration



**Scan to take away**  
Scan the QR code to take away whiteboard content



**Co-authoring**  
Two people can write on the whiteboard concurrently



## Multiple Windows for Multiple Apps

Effortlessly multitask with multiple apps or browsers running simultaneously at top speed without any lag.



## Picture in Picture (PiP)

Picture in Picture (PiP) allows you to connect a separate source, such as a laptop, and view that device's screen as a window within your Clevertouch EDGE display, whilst simultaneously viewing multiple windows on the screen.

---

## Here's how Clevertouch can design your office

---



### Lobby

- 165" CleverWall LED Video Wall
- 55" CM Pro Commercial Display
- Digital signage
- Wayfinding tower

### Reception

- 86" CM Pro Commercial Display
- One-touch digital signage pad
- Sign-in tablet



### Individual Pods

- 43" CM Pro Commercial Display
- Screen sharing technology
- Camera / microphone
- Room booking panel

### Huddle Room

- 65" Clevertouch Edge Interactive Display
- Screen sharing technology
- Camera / microphone
- Room booking panel



### Meeting Room

- 75" CM Pro Commercial Display
- Screen sharing technology
- Camera / microphone
- Room booking panel



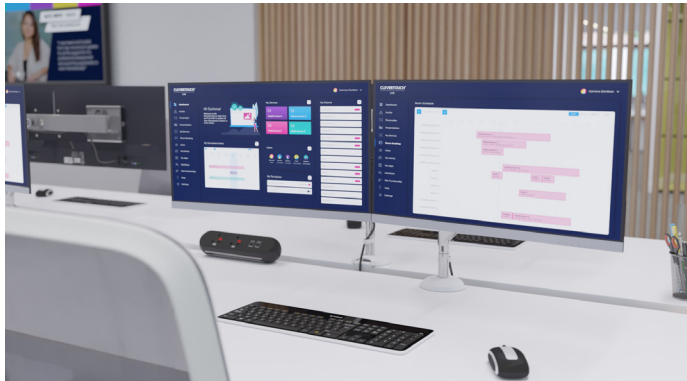
### Boardroom

- 86" Clevertouch Edge Interactive Display x2 (dual screen)
- Video bar
- Meeting touch pad
- Room booking panel



### Sales Team

- 65" Clevertouch Edge Interactive Display
- Screen sharing technology
- Digital signage option when not in use
- 55" CM Pro Commercial Display showing at-a-glance meetings



### Facilities/IT

- Online access to account to control and update all devices



### Coffee Shop

- 55" CM Pro Menu Boards
- QR code technology



Scan the QR code above to access the virtual Tour

# Clevertouch Edge Specifications

## Display

<b>Diagonal Size</b>	65" 4K, 75" 4K, 86" 4K
<b>Screen Type</b>	LCD - Direct LED Backlight
<b>Aspect Ratio</b>	16:9
<b>Display Colours</b>	1.07 Billion (10 bit)
<b>Resolution</b>	4K UHD (3840x2160 @60Hz)
<b>Response Time</b>	3ms
<b>Refresh Rate</b>	60Hz
<b>LCD Viewing Angle</b>	178°
<b>Brightness</b>	500 cd/m2
<b>Contrast Ratio</b>	4000:1
<b>Dynamic Contrast Ratio</b>	6000:1
<b>DC Dimming for Flicker Free</b>	Yes
<b>Glass Hardness</b>	AG Tempered Glass - Mohs Level 7
<b>Glass Thickness</b>	3mm
<b>Glass Type</b>	Low Parallax 0 mm Air Gap - Heat tempered - Anti Glare & Anti Smudge for durability - Super Glide Surface
<b>Antibacterial Glass</b>	Yes
<b>Antibacterial Power Button</b>	Yes
<b>Main Board</b>	RK3588
<b>Life of Screen</b>	50,000 Hours
<b>NTSC</b>	72%

## Interactivity

<b>Writing Technology</b>	Flat Frog InGlass IR Technology - M5
<b>NEW Continuous Touch Points</b>	40
<b>Touch Resolution</b>	32768x32768px
<b>Response Time</b>	≤5ms
<b>Touch Accuracy</b>	<1mm
<b>Minimum Object Size</b>	2mm
<b>Touch Tool</b>	Finger, passive pen, opaque objects, paint brushes
<b>Simultaneous Writing</b>	Yes
<b>Ink In Tools</b>	Yes - LYNX
<b>Pens Included</b>	2
<b>NEW Pen Type</b>	Dual Recognition Stylus   Infinity Stylus
<b>Pen Holder</b>	Integrated magnetic pen holders
<b>Pen Tip Diameter</b>	2.8mm/6.3mm
<b>Pen &amp; Touch Differentiation</b>	Yes
<b>Pen Identities</b>	2
<b>Palm Rejection</b>	Yes
<b>Annotation Over Any Source</b>	Yes
<b>Compatibility</b>	Windows, Linux, Mac, Android, Chrome
<b>Tracking Rate</b>	≥1m/s
<b>Scan Rate</b>	150Hz
<b>Gestures &amp; Edge Swipes</b>	Windows Supported, OSX with additional Driver

## Connectivity

<b>OPS Slot</b>	1 - Intel Spec 80Pin
<b>HDMI In</b>	3
<b>HDMI Out</b>	1
<b>USB-A 2.0</b>	3
<b>USB Touch (type B)</b>	3
<b>NEW USB A 3.0 (faster data transfer)</b>	2 x USB Front Type A 3.0 with faster data transfer 2 x USB Side Type A 3.0 with faster data transfer
<b>NEW USB C (Video, Audio &amp; Touch)</b>	1 x USB Side Type C with video, audio, touch & network 1 x USB Front Type C with video, audio, touch, network, and 100W charging
<b>NEW USB C Out</b>	1 x USB Type C Out with video, audio, touch and network
<b>LAN In (RJ45)</b>	1
<b>LAN Out (RJ45)</b>	1
<b>RS-232</b>	1
<b>Wake-on-Lan</b>	Yes
<b>Wireless Adapter 2.0 + WAP</b>	Yes
<b>Clevertouch WiFi Module</b>	Yes
<b>Bluetooth</b>	Yes - 5.2
<b>Displayport In</b>	1
<b>Audio In</b>	1
<b>Optical Out</b>	1
<b>Headphone</b>	1 (3.5mm)

<b>Total touch out ports</b>	3
<b>NFC Reader / Writer</b>	Yes - Integrated
<b>Proximity Sensor</b>	Yes
<b>Array Mic</b>	8 Array Microphone
<b>Sound pickup angle</b>	180°
<b>Sound pickup distance</b>	8m
<b>Frequency Domain</b>	32kHz
<b>NEW WiFi</b>	IEEE 802.11a/b/g/n/ac/ax with 2 x 2 MIMO (hotspot only) (both 2.4 and 5 GHz bands)
<b>WiFi Generation</b>	6E
<b>WiFi Speed</b>	Capable of speeds up to 1Gbps

# Clevertouch Edge Specifications

## Camera

Camera	4K Sony integrated camera
Camera Pixel	48 MP
Camera FOV	90°
Camera Focus Distance	5M
Camera Tracking	Auto tracking via face detection
ePTZ	Yes
Adapts to mainstream cloud meeting apps	Yes
Supports 4k Video	Yes
Voice Tracking	Coming soon

## Audio

<b>NEW Dual Front Facing, Bass Enhanced Speakers</b>	2 x 20W Speaker + 2 x 10W Subwoofer
Audio Out	Yes
SPDIF / Fibre	Yes
Sound Channel	2.2
Line Array Microphone (noise cancelling)	8 Array Microphone
Super Wide Sound	Yes

## Power

Power Requirements	100-240V ~ 50/60Hz
Power Consumption (Normal)	65" 98W 75" 133.18W 86" 160.68W
Power Consumption (Standby)	≤0.5W
Ultra Quiet Fanless Design	Yes

## Computing

<b>NEW Operating System</b>	Android 13
<b>NEW System Version</b>	LUX 13
<b>Access to Google Play Store Apps</b>	Yes (Certified)
<b>Access to Microsoft Apps</b>	Yes (Certified)
<b>Access to Google Cloud Services</b>	Yes (Certified)
<b>Access to Video Conferencing Apps (MS Teams, Google Meet, Zoom etc)</b>	Yes (Certified)
<b>NEW RAM</b>	8GB
<b>NEW Internal Storage</b>	128GB
CPU	Quad Core A76 + Quad Core A55
GPU	Mali G610 MP4
Android Resolution	4K
Integrated LUX UI	Yes
<b>NEW System Architecture</b>	64-bit

## Operating & Storage Environment

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

## Clevertouch Edge Built-In Features

<b>BYOM</b>	Yes
<b>Handwriting Recognition</b>	Yes - LYNX Pro
<b>Unlimited Multi-Floating Resizable Windows</b>	Yes
<b>Split Screen Support</b>	Yes
<b>Ecosystem of Extensive Apps with Secure and Fast Download</b>	Yes
<b>OpenSDK Support</b>	Yes
<b>Intelligent O&amp;M</b>	Yes
<b>CleverLive™ Embedded Digital Signage</b>	Yes
<b>Clevershare™ Mirroring Any Device To The Board</b>	Free for the life of the screen (touch back)
<b>Miracast (WiFi Direct)</b>	Yes
<b>AirPlay</b>	Yes
<b>Chromecast</b>	Yes
<b>Integrated Personalised Accounts Profiles</b>	Yes
<b>Cloud Account Access</b>	OneDrive, Google Drive, Dropbox
<b>CleverLive Rooms™ Embedded Room Booking</b>	Yes
<b>Customizable Welcome Page with option to integrate logo, clocks apps and more (CleverLauncher™)</b>	Yes
<b>NEW LynxShare™</b>	Yes
<b>NEW LynxCloud™</b>	Yes
<b>Whiteboard Annotation</b>	Yes
<b>Email Out Direct From Touchscreen</b>	Yes
<b>Scan QR Code For Saving Work</b>	Yes
<b>Alerts and Announcements</b>	Yes
<b>Over-the-Air Updates</b>	Yes
<b>Remote Management Of Touchscreens (MDM)</b>	Yes - One year license
<b>Codec</b>	Yes
<b>H.264 + H.265</b>	Yes
<b>HD Hardware Encoding and Decoding</b>	Yes

# Clevertouch Edge Specifications

## Physical Spec

<b>Panel Dimensions</b> L x H x D	<b>65"</b> 1510 x 937 x 83mm <b>75"</b> 1731 x 1061 x 85mm <b>86"</b> 1979 x 1202 x 85mm
<b>Packed Dimensions</b> L x W x D	<b>65"</b> 1654 x 208 x 1026mm <b>75"</b> 1890 x 255 x 1186mm <b>86"</b> 2138 x 255 x 1328mm
<b>Net Weight</b>	<b>65"</b> 40.6kg <b>75"</b> 54.70kg <b>86"</b> 68.85kg
<b>Gross Weight</b>	<b>65"</b> 49.5kg <b>75"</b> 67.00kg <b>86"</b> 85.30kg
<b>VESA Mount Point</b>	<b>65"</b> 600 x 400mm <b>75"</b> 800 x 400mm <b>86"</b> 800 x 600mm

## Inside your Clevertouch Box

<b>What's In The Box</b>	<ul style="list-style-type: none"> <li>(1) Clevertouch Edge</li> <li>(1) 3M HDMI Cable</li> <li>(1) 3M Length USB cable (A-B)</li> <li>(1) 1.5M USB C Cable</li> <li>(1) 3M Regional Power Cable</li> <li>(1) Remote Control</li> <li>(2) Batteries for Remote Control</li> <li>(2) Dual Recognition Stylus</li> <li>(1) User Guide</li> <li>(1) Quick Install Guide</li> <li>(1) Clevertouch WiFi Module</li> <li>(1) NFC card</li> <li>(1) CleverCast</li> <li>(1) Camera Lens Cover</li> </ul>
--------------------------	---

## Support & Installation

For all Clevertouch product support, visit: [support.clevertouch.com](http://support.clevertouch.com). The installation of this product should be completed by a qualified installer. Use of components not supplied by Clevertouch or not meeting minimum specifications may impact performance, safety and warranty. For more information, visit: [clevertouch.com](http://clevertouch.com)



## Warranty

Warranty term and upgrade options vary by region. Contact your local reseller or distributor for information and visit [clevertouch.com/about/warranty](http://clevertouch.com/about/warranty)

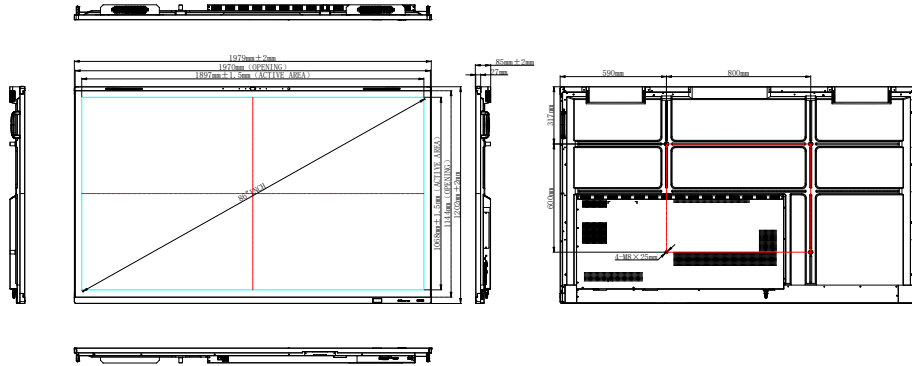
## Compliance & Certification

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

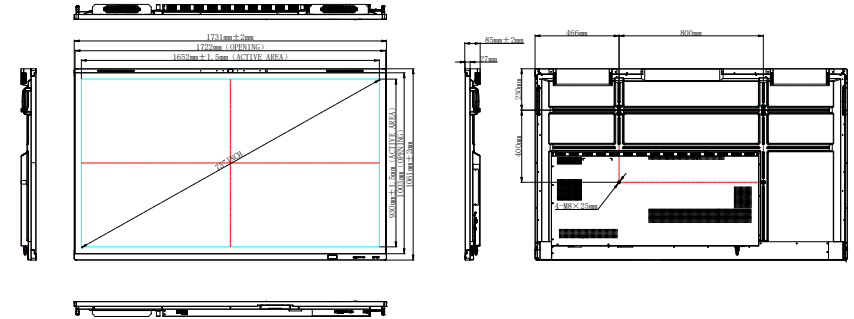


# Clevertouch Edge Technical Drawings

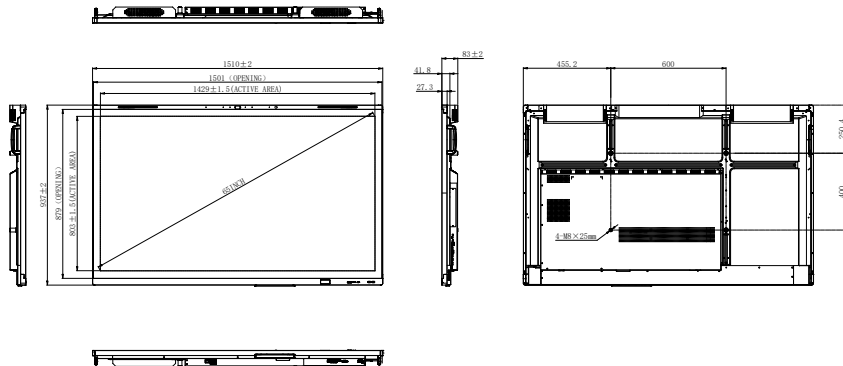
86"



75"



65"



## Statement

Size and weight vary by configuration and manufacturing process, please refer to the actual product. The product images are for illustrative purposes only and may slightly differ in appearance, colour, size, etc. from the actual product. The description, illustrations, etc. in this document may subject to change in accordance with the latest product specification and performance. Should the above-mentioned change in the document become necessary, the document may be updated without written notice.