clevertouch.com.au

CLEVERTOUCH[®] TECHNOLOGIES



Connecting people with technology

IMPACT Plus

Gen 2

#clevertouch | clevertouch@asi.com.au



Multi-award-winning education solutions for the digital classroom

IMPACT Series Gen 2

Interactive large format display designed for the blended learning environment.

(+X)	
PLUS X AWARD	
9099/2821 Achieved for:	
High Quality	
Design	
Ease of Use	
Functionality	
www.ckasaward.com	

Innovation, design,

high-quality & functionality

Plus X Award

2020 – Winner



Interactive

Display Technology

of the Year

AV Awards

2019 – Winner



Installation

Best of Show

Award at ISE

Best of Show

2020 – Installation Winner





Best of Show Installation

> Best of Show InfoComm 2020 – Winner

Collaboration Innovation

of the Year AV News 2020 - Winner

You can prepare resources anywhere at any time

Key Features

Designed for hybrid learning Students can participate in and out of the classroom

Free apps and software Cleverstore, LYNX Whiteboard

Screen mirroring for 50 devices With 6 mobile devices shown on your IMPACT Plus - Clevershare

Full screen digital signage capabilities ClevertouchLive App

Customise your home screen With your school's colours, logos, photos and preferred apps and software - ClevertouchLive

Control and troubleshoot remotely Via MDM Remote Management

Elevated connectivity Latest generation USB-C for charging and ethernet, plus all other connectivity ports for connecting a range of devices.



]-
(C
Ċ]-

Save time lesson planning with subscription-free software

Send messages, alerts and media to all of your Clevertouch screens remotely.





Apps for Blended Learning

clevertouch.com.au | clevertouch@asi.com.au

Best of Show InfoComm 2020 – Winner

Best of Show

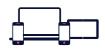
Tech & Learning

High Precision Technology

Compatible with Google Workspace and Microsoft 365







Screen mirroring with built-in teacher controls



Making integration and installation easier 55" | 65" | 75" | 86"

Super Wide Sound •-----

45W Max Power for room-filling sound.

4K • True 4K resolution and sharper user experience throughout.

Cloud Accounts

Sync with your Cloud accounts so that

you can work anywhere at any time.

Coogle Drive ConeDrive

High Precision Technology

Our patented Super Glide Touch technology offers the most fluid writing experience on a touchscreen. It's as smooth as writing on a whiteboard – with no lag. With the ability to differentiate between palmerase, fingertouch, and stylus-writing, there's no need to change settings mid-flow.

Security Matters

We know how important it is to be secure, so we've got lots of options for you to keep control of your device. Clevertouch can run on-or-off the network. Settings, apps and Android can all be disabled. Data can be wiped at the end of a session and the screen can be locked with a secure passcode.





Zero bonding - no air gap gives greater accuracy, improved performance and vibrant imagery



Android 9 4K Chipset – 6GB RAM / 64GB ROM Front-mounted latestgeneration USB-C – allows switching between any device

What's New?

վիվիվի

Front-facing speakers and

subwoofer for clearer, more

powerful quality audio



Upgraded 6 array microphone Ambient light sensor New super cool stylus
 Comfort stylus to aid teaching

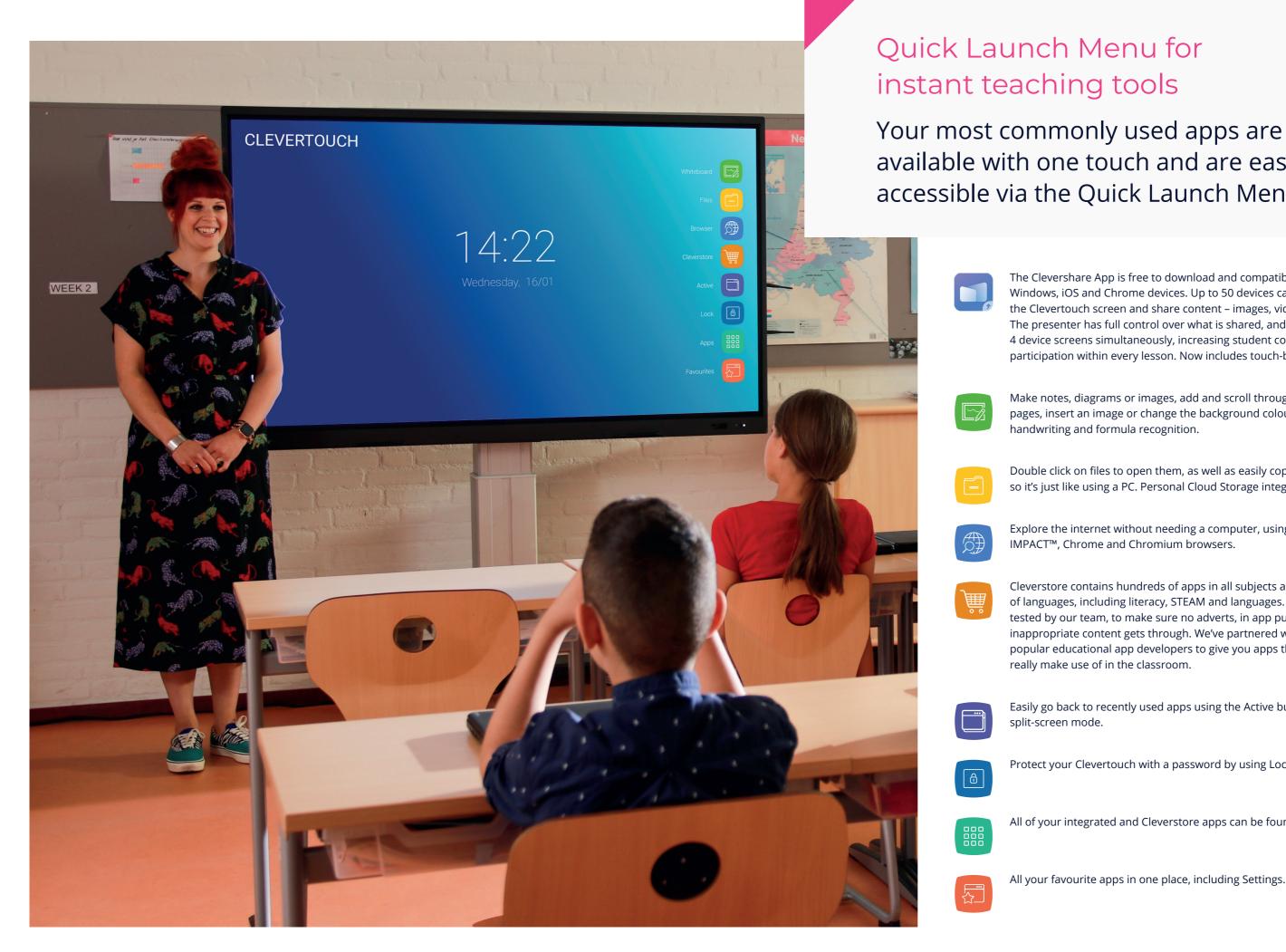
- Microphone
 Built-in line array microphone.
- Cleverstore Access hundreds of free teaching apps to make lessons more engaging.
- **Comprehensive Warranty** No ongoing subscription charges.
- Infinity Whiteboarding Never run out of space with our infinite canvas. With numeracy tools, handwriting-to-text recognition, and the ability to insert images and shapes, all of which can be saved, printed or shared to student devices.
- **Connectivity** Huge connectivity including the latest USB-C port.
- Environmentally Friendly Motion Detection Equipped with Proximity Sensors your Clevertouch will power off when no one is detected in the room.





Front-mounted power button

Front-mounted USB-A port



available with one touch and are easily accessible via the Quick Launch Menu.

The Clevershare App is free to download and compatible with Android, Windows, iOS and Chrome devices. Up to 50 devices can connect with the Clevertouch screen and share content – images, video, and audio. The presenter has full control over what is shared, and can show up to 4 device screens simultaneously, increasing student collaboration and participation within every lesson. Now includes touch-back.

Make notes, diagrams or images, add and scroll through multiple pages, insert an image or change the background colour. Now includes handwriting and formula recognition.

Double click on files to open them, as well as easily copy, cut and paste, so it's just like using a PC. Personal Cloud Storage integration.

Explore the internet without needing a computer, using the IMPACT[™], Chrome and Chromium browsers.

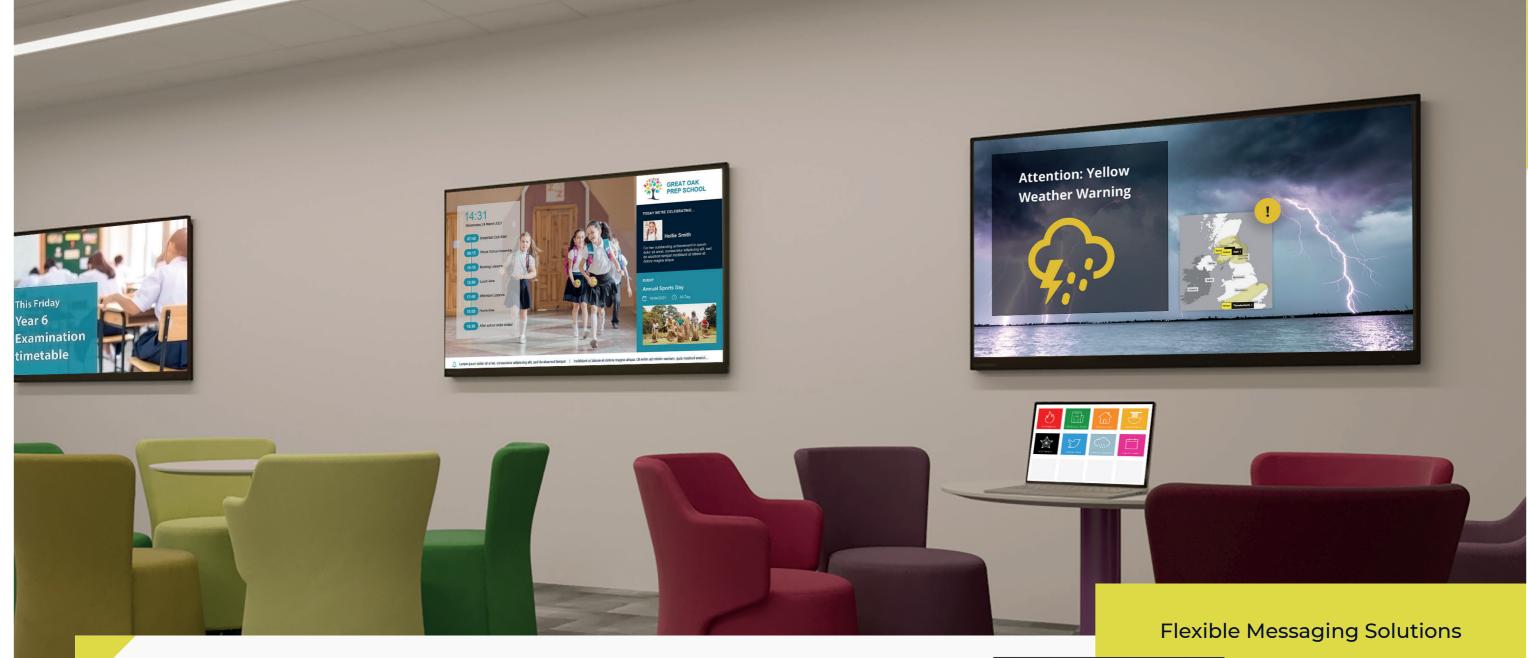
Cleverstore contains hundreds of apps in all subjects and a range of languages, including literacy, STEAM and languages. Each app is tested by our team, to make sure no adverts, in app purchases, or inappropriate content gets through. We've partnered with the most popular educational app developers to give you apps that you can really make use of in the classroom.

Easily go back to recently used apps using the Active button with

Protect your Clevertouch with a password by using Lock.

All of your integrated and Cleverstore apps can be found here.

All your favourite apps in one place, including Settings.



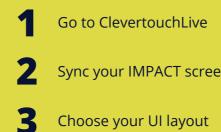
Exclusive to Clevertouch

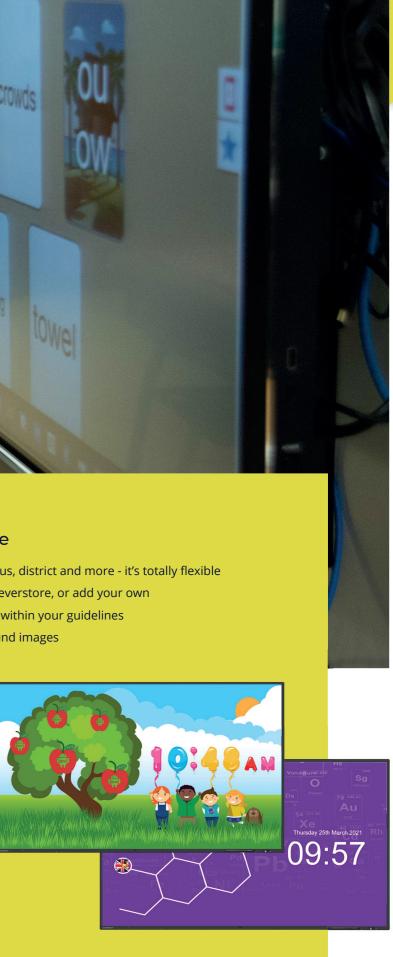
ClevertouchLive App: Messaging

With ClevertouchLive App your IMPACT isn't just a screen for teaching or presenting, it's also a communications tool. Use it to broadcast messages, alerts and important information to students, staff and visitors.











Create teacher or group profiles Log into any connected screen in your

district and get your apps, home screen, settings and more.



ClevertouchLive

ClevertouchLive is the Content Management System Platform (CMSP) for all Clevertouch Technologies innovations.

20

SOUTHGATE

Personalise your launcher page

- Add apps from the Cleverstore or upload your own apk files - send to all your interactive displays without needing to manually install them on individual screens.

CLEVERTOUCHLIVE 24 Februrary 2021 12 56 OUR STUDENTS REALLY DO LOVE IT HERE

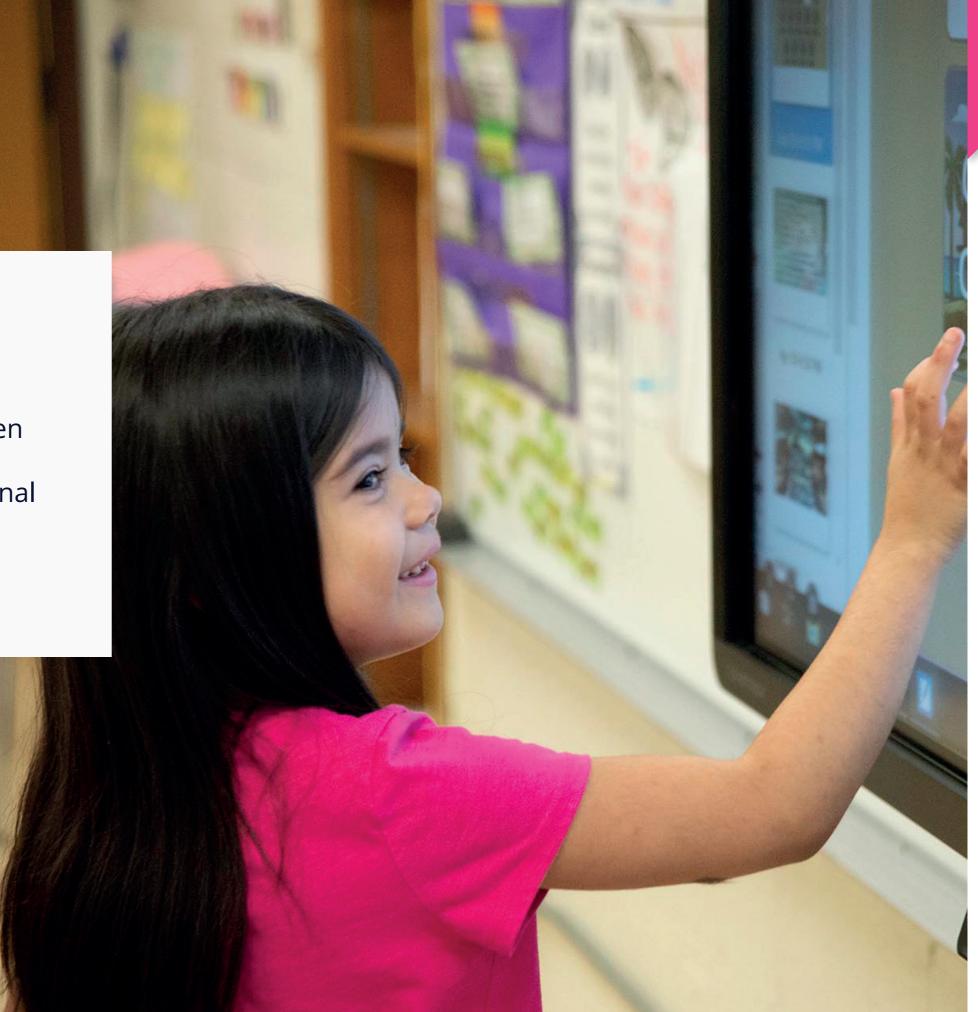
- Display digital signage messaging when it's not in use.
 - Send alerts and announcements to your audience.
 - Weather warnings, stranger alerts, fire alarms.
 - Call staff/students to other locations.



Increase Student Engagement

Cleverstore

It's easy to hold students' attention when there's something new on the screen. We've hand-picked apps from educational app developers that support Common Core State Standards in the US and the National Curriculum in the UK.



Apps for everyone

With apps for all ages and in most subjects, there are loads to choose from to help support your lessons. From Coding to Math, Literacy, and Science, as well as games and stories, Cleverstore has everything you could need.

Dual language

Not only are most of our apps available in a variety of languages, but some also support dual language, allowing you to teach languages such as French, Spanish, and German as you go along.

A store you can trust

Our App Team checks every app that's submitted to the store so there is no inappropriate content. We want to enable teachers to download apps as lesson resources – so all apps are suitable for the classroom.

Clevershare

Collaborate with ease - connect up to 50 devices, including phones, tablets and laptops. Screen mirror with images, video and audio.

With touch-back for two-way control, the presenter has full control over what is shared and can show 6 screens simultaneously, increasing collaboration and participation within every session.

CLEVERTOUCH



Share content with any device

Up to 50 devices can connect with the Clevertouch screen and share content – images, video, and audio. Now with touch-back for two-way control.

The presenter has full control over what is shared and can show up to 6 device screens simultaneously, increasing collaboration and participation within every session.

Mastering Mode

This optional mode will allow you to manually accept or reject from the Clevertouch screen when someone attempts to connect via Clevershare.

Chromecast and Airplay

There is an optional button you can swipe in the settings that will allow you to natively connect your device this way.

Clevershare App

Any device can download the Clevershare App and connect instantly by typing in the code on the Clevertouch screen. Clevershare App is free to download and compatible with Android, Windows, iOS, and Chrome devices.

Clevershare Dongle (optional extra)

Use the USB-C Clevershare dongle to share content. No need to download any app or driver, so ideal for companies that do not allow downloads to devices.

How to connect

You can connect via the Clevershare App if your device is on the same Network as the Clevertouch. Use Advanced Mode for additional encryption and dual sub-networks. There is a Hotspot option if you are unable to use the network.



Optional Extra

Clevershare Dongle

USB-C connection

Compatible with IMPACT Plus

Clevershare App

CLEVERSHARE



Clevershare App

Works on any device

Free to download

Compatible with Android, Windows, iOS & Chrome Devices

With AirServer you can mirror content from your personal device to the Clevertouch panel without needing to download an app.



Key Features

AirPlay

Used by macOS, iOS and iPadOS devices. AirServer has support for AirPlay mirroring, media as well as audio-only streams. Bluetooth discovery. Support for PIN, password, and on-screen prompt for incoming connections.



Google Cast

Used by Android and Chrome OS devices and is included in Chrome and Edge browsers. AirServer has support for both Google Cast mirroring and media (casting from apps). Casting from apps is also available from iOS and iPadOS. DRM protected content is supported if the host device has DRM support. Google Cast has no PIN support, but AirServer has a prompt option to accept connections.



Miracast

Used by Windows 10 devices as well as some Android devices (Samsung, LG, Huawei and more).

AirServer has support for UIBC (touchback) and hardware cursor that transmits the mouse cursor separately to reduce perceived latency. Support for PIN code and on-screen prompt for incoming connections.





AirServer



Whiteboarding made easy with a huge selection of pen & art tools to choose from

LYNX Whiteboard

The most dynamic, intuitive user experience of any whiteboard – completely redesigned for a touchscreen, with drag and drop, pinch to zoom, and easy swipe menus.

> LYNX Whiteboard has now partnered with PhET to give you over 80 FREE STEM activities to use in your classroom or set as homework.



Captivating Lessons

Natural handwriting

Our new pen type allows users to have a more natural feel to their writing. Pressure and velocity will help to decide the thickness of the line as the user writes – like a real pen.

Multi-Purpose

Split the screen so that you can look online while your lesson is open, and drag content across.

Dual Pen

Two users can choose different pens, or different tools, and use them simultaneously, providing a more natural feel.

Increase student Engagement

Search videos from YouTube, images from Unsplash, panoramic images - all without leaving your app. Safe Search enabled, ensuring content is suitable for children.

Get Creative

With dozens of teaching tools at your fingertips.

Fun, Shareable Activities

Create your own activities with customizable content. Activities will automatically be saved to your LYNX Cloud, so that you can share them with colleagues.

Collaborate with ease

Students can scan a QR code with their personal device and either join the activity during the lesson, or save it to do at home.

Quickly switch formats

Convert files from Office formats into LYNX files, ready to be used within LYNX. Word, Excel and PDF files can easily be converted. Drag interactive whiteboard or Smart Notebook files in bulk and they will automatically convert into a LYNX file.

DA



Cloud access for distant learning with LYNX Whiteboard

engagement in a blended learning environment.

Access the cloud & Log in from anywhere

any device.

Your school can set up a LYNX Cloud account, so content and resources can be shared.

Great for distance learning Set work, deploy and give students their own log-ins.

Download & Upload

you aren't in your usual classroom.

Set Homework Set homework activities for your students

Sync with other cloud-based drives

Get content from Dropbox, OneDrive, LYNX Cloud or Google Drive and input it directly into your lessons







Hundreds of tools to increase student

Create lessons on the go, at home, or in another classroom, on

Log into any Clevertouch and download your LYNX files, great if



Snowflake

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 personalised instruction making curriculum relevant to students' lives.

NUITEO **SNOWFLAKE**

Zones

Snowflake is the only educational technology software allowing you to divide your touchscreen into independent, personalised zones. Snowflake transforms the classroom into a fun, motivating, and engaging active learning environment.

Personalised Learning

Together with its online version, Snowflake creates an active learning system well adapted to personalised learning. It enables educators to choose the teaching resources that work best for their students and display different content and activities in a different Zone.

Providing the right scaffolds

Every age and subject has different needs; Snowflake offers a unique configurator that allows the schools' IT Administrator to select the appropriate scaffolds of both tools and content their teachers need.







Stage Lite

Stage is a hassle-free unified communications solution designed for both on-site and distributed teams. Its clean interface and intuitive functionalities constitute a tool that makes collaboration easy and work more efficient.

Collaborative Whiteboard for hybrid working and learning

Work together in real-time to annotate documents and create whiteboards.

Chat

There's an inbuilt text-chat feature.

Import Lessons

You can import lessons from Snowflake and work

Browser Based

Anyone can join, as long as they have the meeting code - there's no need to download any software



Clevertouch have partnered with NUITEQ to bring you a special version of STAGE.



No Download Required!



Get started today in 3 simple steps:



Enter your code

Start Collaborating



Take Control

Remote Management

IT departments & administrators can take control, without needing to leave their office. Control multiple Clevertouch devices by linking your entire fleet of Clevertouch screens to your Remote Management MDM account, so that you can control them from anywhere.

Update or remove apps

available to use.

Over-The-Air updates

Our OTA updates are just one click away to get the latest firmware on your screen. We will never charge you for firmware updates.

View status information

IT managers can troubleshoot without needing to leave their office. Look up individual Clevertouch screens, view the display in realtime, edit settings, or restart devices remotely.

Group and tag



With the functionality to add .apk files to some or all of your Clevertouch displays, your organisation can always have the latest apps

If you have a group of screens being used by a certain department, you can deploy the same apps and settings, so that there is a standardized experience for everyone in that department.





TECHNOLOGIES

Display

Diagonal Size	55" 4K, 65" 4K, 75" 4K, 86" 4K
Screen Type	TFT LCD - Direct LED Backlight
Aspect Ratio	16:9
Display Colours	1.07 Billion (10bit)
Resolution	4K UHD (3840 x 2160)
Response Time	5ms
Refresh Rate	60Hz
LCD Viewing Angle	178°
Brightness	450 cd/m2
Contrast Ratio	55" 4500:1 65" 4500:1 76" 4500:1 86" 4500:1
Dynamic Contrast Ratio	55" 5000:1 65" 5000:1 75" 5000:1 86" 5000:1
Glass Hardness	AG Tempered Glass - Mohs Level 7
NEW Glass Type	Low Parallax Zero Bonding - Heat tempered - Anti Glare - Super Glide Surface
NEW Main Board	9950 MTK (MStar)
Life of Screen	50,000 hours

Interactivity

High Precision IR Technolgy
20
32768x32768
≤5ms
1mm
3mm
Finger, Gesture, Passive Infrared pen
Yes
Yes - LYNX
2
Dual Recognition Stylus
Integrated Full-length Pen Tray
3mm/7mm
Yes
2
Yes
Yes
Includes Whiteboard, Annotate, Timer, Media Players, Browser, PDF Reader, Screen Record, Spinner, Voting, Maths Tools
Windows 10, Linux, Mac, Android, Chrome
6m/s
200Hz
Windows Supported, OSX with additional Driver

IMPACT Plus Gen 2 Specifications

Connectivity

OPS Slot	1 - Intel® spec 80Pin
HDMI In	3
HDMI Out	1
USB-A 2.0	1 (1 USB for system upgrade)
USB Touch (type B)	2
NEW USB A 3.0 (Faster Data Transfer)	4
NEW USB C	1x USB-C with video, audio, touch, power and hardware optimisation and ethernet – front-mounted (Supports 65W Charging)
	1x USB-C with video, audio, touch and hardware optimisation – side-mounted
LAN In (RJ45)	1
NEW LAN Out (RJ45)	1
RS-232	Yes
Wake-on-Lan	Yes
NEW Wireless Adapter 2.0 + WAP	Upgraded
NEW Bluetooth	Yes – 5.0
VGA In	1
Audio In	1 (3.5mm)
Optical Out	1 (Coax)
Headphone	1 (3.5mm)
Total touch out ports	2
NFC Reader / Writer	Optional Extra
Camera	Optional Extra
Proximity Sensor	Yes
WiFi	IEEE 802.11a/b/g/n/ac with 2 × 2 MIMO (hotspot only) (both 2.4 and 5 GHz bands)
WiFi Speed	Capable of speeds up to 433Mbps

Computing

NEW Operating System	Android 9
NEW System Version	LUX 9
NEW RAM	6GB
NEW Internal Storage	64GB
NEW CPU	Quad Core A73
NEW GPU	Mali G52MC2
Android Resolution	4K
Integrated LUX UI	Yes

Audio

Dual Front Facing, Bass Enhanced Speakers	2 x 15 Watt Speakers + 15 Watt Subwoofer
Audio Out	Yes
SPDIF / Fibre	Yes
Sound Channel	2.1
NEW Line Array Microphone 6 (noise cancelling)	Yes – Omni-directional up to 8 meters
Super Wide Sound	Yes

© 2021 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. All weights and dimensions are approximate. Product specifi cations are subject to change without notice. Clevertouch.com.



Power

100 - 240 ~ 50/60Hz 3.5A
55" 102W 65" 117W 75" 145W 86" 168W
< 0.5 Watts
Yes

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

Physical Specifications

Panel Dimensions	55" 1262x794x89mm 65" 1488x920x90mm 76" 1709x1043x89mm 86" 1957x1182x86mm
Packed Dimensions	55" 1428x220x902mm 65" 1628x208x1024mm 75" 1860x280x1163mm 86" 2112x280x1304mm
Net Weight	55" 27.7Kg 65" 37.3Kg 75" 51.1Kg 86" 63.8Kg
Packed Weight	55" 33.9Kg 65" 45.7Kg 75" 63.9Kg 86" 78.9Kg
VESA Mount Point	55" 400x200mm 65" 400x200mm 75" 800x400mm 86" 800x600mm

Warranty

Warranty term and upgrade options vary by region. Contact your local reseller or distributor for information and visit clevertouch.com/about/warranty

Compliance & Certification

Regulatory Certification

CE, FCC, UL, Energy Star & EEC



© 2021 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[™], IUX, 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. All weights and dimensions are approximate. Product specifications are subject to change without notice. Clevertouch.com.

IMPACT Plus Gen 2 Specifications

IMPACT™ Built-in Features

LYNX [™] App With Online Lesson Planning	Yes
Cleverstore™ App Store For Education	Yes
Embedded Digital Signage	Yes
Clevershare™ Mirroring Any Device To The Board	Free for the life of the screen (touch back)
Integrated Personalised Accounts Profiles	Yes
Cloud Account Access	CneDrive 🝐 Google Drive
Embedded Room Booking	Yes
Whiteboard Annotation	Yes
Email Out Direct From Touchscreen	Yes
Scan QR Code For Saving Work	Yes
CleverMessage™ – Instant Alert Messaging	Yes
Over-the-Air Updates	Yes
Remote Management Of Touchscreens (MDM)	Yes - Five year license

Packed Contents - Inside your Clevertouch Box

What's In The Box	(1) Clevertouch IMPACT Plus 2™
	(1) 1.5M Length HDMI Cable
	(1) 3M Length USB cable (A-B)
	(2) 1.5M USBC Cable
	(1) 3M Regional Power Cable
	(1) 5M 3.5mm Audio Cable
	(1) Remote Control
	(2) Batteries for Remote Control
	(2) Dual Recognition Stylus
	(1) User Guide
	(1) Quick Install Guide
	(1) Wireless Adapter 2.0 + WAP

Installation

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

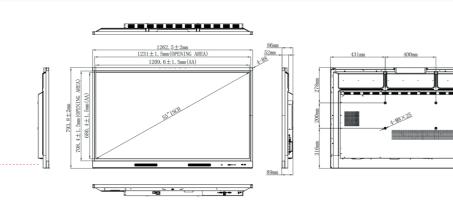
Support

For all Clevertouch products, visit: support.clevertouch.com





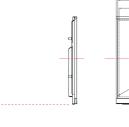


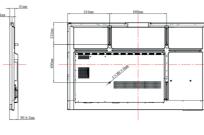


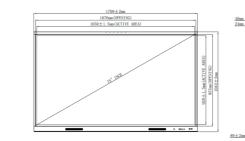


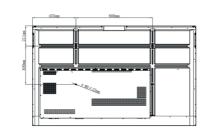


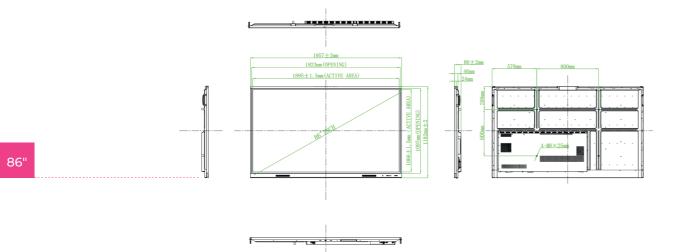
55"













Why Choose Clevertouch Technologies?

- ✓ Trusted Brand
- ✓ No ongoing cost
- ✓ Free training
- ✓ Part of a Digital Ecosystem of products control them all from one online platform
- ✓ Supports Remote Learning
- ✓ Dedicated Support Team
- ✓ Free updates and new features

Digital Ecosystem

A unique digital solution for every space which redefines the way to distribute information and collaborate using technology.

DIGITAL ECOSYSTEM

> Infinity Whiteboard Create documents

> > Whiteboard



Interactive Collaborative Displays

Unified Communications

Centralised Room

Room Booking

One-touch updates



Remote Management

Screen Mirroring

QR Codes

Reception Foyer Digital Signage

Way-finding

Commercial Displays

CLEVERTOUCH® TECHNOLOGIES

Contact us for more details

clevertouch@asi.com.au