Connecting people with technology

UX Pro – Gen 2

#clevertouch | info@clevertouch.com
Embrace business-wide collaboration

Designed for hybrid meetings

UX Pro combines the power and security of an Intel OPS Windows 10 Pro PC, with a sleek design for one-touch UC and VC applications.

From the boardroom to the breakout area, the Clevertouch all-in-one Enterprise Ecosystem facilitates business-wide collaboration - empowering business leaders and staff to maximise their potential. Start a Video conference call with one click, Multi-host Zoom, Teams or any Video conference application at the same time.

Book your screen before a meeting and have videos or bespoke content play on your screen when it is not being used. Let Clevertouch transform your enterprise communications and workspaces into an integrated, seamless experience.

Customise your home screen

When the screen powers on the home screen is completely customisable, so you can add your company branding, logos and news. You can choose the applications you see on launch, be it UC platforms such as Zoom or Teams, or collaborative workflow apps such as Trello or Miro. You can also sync with calendar apps so that the days meetings can be shown on screen.

Networking and security

Our touchscreens are designed to integrate with your current system set up. With remote management tools, increased security and network options. Settings can be locked down to create completely secure connections.

Add any app or software

With an optional slot-in Windows 10 Pro Intel® Core™ i5/i7 PC, you can load your existing apps and software from your network, enabling you to collaborate securely across the globe, and access the same features as your colleagues, wherever they are based.

Screen mirroring

Any device can mirror content to the UX Pro Display. Whether meeting attendants come in with their phone, laptop or tablet, they can connect to UX Pro, without needing to plug in or download an app. Clevershare screen mirroring is compatible with Android, iOS, Windows and Chrome devices.
**UX Pro Gen 2**

- **5 year (re-install, de-install) warranty. At no additional cost to the end-user.**
- Screens that can run with PC (Windows 10) as an operating system or Android, or even both when required.
- Easy Windows 10 environment that End users can manage using their existing MDM like Intune.
- UX Pro comes in four sizes. Each size has the same internal specification, so you can expect the same experience with any size screen.
- Free of charge screen recorder, perfect for practicing sessions outside of Teams or Zoom.
- Sharing dongles and App are free of charge with UX Pro screens. The USB-C dongle is secure, not needing to go on a network or install anything on users devices. The dongle also has the benefit of working peer to peer.
- UX Pro screens are agnostic so can easily work with external sharing devices.
- Touch and Non-touch screens are agnostic so can easily work with external sharing devices.
- Clevertouch offers a whiteboard on PC that can be accessed ad hoc, no need to open up Teams or login to Microsoft whiteboard to access a whiteboard.
- Clevertouch onscreen touch technology is ours, not white labelled.
- Screens that have in-built signage that can be activated at no additional cost and with no OPEX cost and managed remotely.
- Custom OPS (Optional Extra), with i5 8G RAM and i7 16G RAM as off the shelf PCs. Users can build their own OPS where needed and just slot in, giving you the ultimate control over your display.
- Link all your office displays; video walls, Non touch screens and touch screens together through ClevertouchLive, have them play the same or bespoke content.
UX Pro – Gen 2
What’s New?

- Front-mounted latest-generation USB-C allows switching between any device
- Android 9 4K Chipset – 6GB RAM / 64GB ROM
- Zero bonding - no air gap gives greater accuracy, improved performance and vibrant imagery
- Ambient light sensor
- Front-facing speakers and subwoofer for cleaner, more powerful quality audio
- Front-mounted power button
- Front-mounted USB-A port
- Upgraded 6 array microphone

UX PRO GEN 2
CleverCam

CleverCam is a 4K ultra-high definition ePTZ camera with a sleek, eye-catching design. CleverCam employs advanced ISP processing algorithms to provide vivid, vibrant images with uniform clarity, brightness, strong colour layering, high resolutions and fantastic colour rendition. With its great functionality and superior performance, CleverCam is easy and convenient to install and maintain.

Key Features

Ultra HD 4k Resolution | ePTZ | Video output interface
1/2.8 inch high quality CMOS sensor. Resolution is up to 4k with frame rate up to 30fps (MJPG or 30fps (H.264); compatible with 1080P and 720P; ePTZ and 10x digital Zoom; Video output interface USB 3.0
Multiple Installations | Easy to use
Standard equipped with mold clamp. Easy to install on any device, such as LCD screen, laptop, table and tripod; no need to download driver; USB 3.0 Plug and play.

Wide Field of View
93°/100° wide angle and small distortion lens options; Supports H.264, MJPG, YUY2, NV12 video compression, to make video play smoothly.
Built-in MIC
Built-in two omni-directional MIC pickups; with unique noise suppression algorithm.
Auto Framing
CleverCam uses a face-detection algorithm to automatically centre the camera frame to the person talking, whilst still ensuring that the other people in the room are in-view.

Technical Specification

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>View Angle</td>
<td>93°/100° / 45°V</td>
</tr>
<tr>
<td>Focal Length</td>
<td>f=2.1</td>
</tr>
<tr>
<td>Iris</td>
<td>F2.1</td>
</tr>
<tr>
<td>Image Sensor</td>
<td>1/2.8 inch High Quality 4K CMOS Sensor</td>
</tr>
<tr>
<td>Effective Pixels</td>
<td>8.28MP, 640x960</td>
</tr>
<tr>
<td>Video Output</td>
<td>USB3 (Type B), audio video outputs</td>
</tr>
<tr>
<td></td>
<td>LAN: 100M/1000M/1000M adaptive Ethernet port</td>
</tr>
<tr>
<td></td>
<td>audio output supported (the default mode is without LAN)</td>
</tr>
<tr>
<td>Video Compression</td>
<td>USB 3.0/3.2, NV12, MJPG, H.264, H.265</td>
</tr>
<tr>
<td></td>
<td>LAN: H.264, H.265</td>
</tr>
<tr>
<td>Audio Input</td>
<td>2 Micro omni-directional pickups</td>
</tr>
<tr>
<td>Video Resolution</td>
<td>Main Stream: 3840×2160 @30fps, 1920×1080P @30fps</td>
</tr>
<tr>
<td></td>
<td>1280×720P @30fps</td>
</tr>
<tr>
<td></td>
<td>Sub Stream: 1280×720P @30fps, 1920×1080P @30fps</td>
</tr>
<tr>
<td></td>
<td>720P @30fps</td>
</tr>
<tr>
<td>Digital Zoom</td>
<td>10X</td>
</tr>
<tr>
<td>Illumination</td>
<td>0 Lux (F1.8, AGC ON)</td>
</tr>
<tr>
<td>DNR</td>
<td>2D&amp;3D DNR</td>
</tr>
<tr>
<td>Super Low Illumination</td>
<td>On/Off</td>
</tr>
<tr>
<td>Focus</td>
<td>Auto / Manual / One Push</td>
</tr>
<tr>
<td>White Balance</td>
<td>Auto / Manual / One Push</td>
</tr>
<tr>
<td></td>
<td>Push/300/300/400/500/600/700/800/900/1000/1500</td>
</tr>
<tr>
<td></td>
<td>1500/2000</td>
</tr>
<tr>
<td>Exposure</td>
<td>Auto / Manual</td>
</tr>
<tr>
<td>Backlight Contrast</td>
<td>On/Off</td>
</tr>
</tbody>
</table>

Other Parameters

- Working Voltage and Current: USB power supply 5V; POE power supply 48V; USB power supply 1A (max); POE power supply 0.104A (max)
- Power Consumption: 5W (max)
- Standard Temperature: -10°C ~ +60°C
- Storage Humidity: 20% ~ 90%
- Working Temperature: -10°C ~ +50°C
- Working Humidity: 20% ~ 80%
- Dimension (W*H*D): 180mm × 42.5mm × 46.3mm
- Weight: Around 0.3kg
- Accessory: User Manual, Warranty card, USB3.0 cable, IR Controller

USB

- Video Compression: YUY2, NV12, MJPG, H.264, H.265
- Operation Systems: Windows 7/10(SOF or lower), Windows 8.1, Windows 10; macOS™ 10.10 or higher, Linux (UVC support); Android
- USB Audio: Support
- USB Protocol: UVC, UAC
- PTZ Control: EPTZ
- Hardware Requests: 2.4 GHz Intel® Core 2 Duo Processor or better, 2GB Capacity or more, USB 2.0 Input (USB3.0 for 4K)

Audio/Visual

- Multiple Audio/Visual Compression Standard
- SNR: >55dB
- USB Audio/Visual
- USB Protocol: UVC

SNR

- >55dB

Dimensions

- Dimension (W*H*D): 180mm × 42.5mm × 46.3mm
- Weight: Around 0.3kg
- Accessory: User Manual, Warranty card, USB3.0 cable, IR Controller
ClevertouchLive App

Exclusive to Clevertouch

ClevertouchLive App: Messaging

With ClevertouchLive App your UX Pro 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 staff and visitors.
Dynamic and Integrated

ClevertouchLive: Home Screen

Customise your home screen so it’s unique to your organisation. With the ClevertouchLive App, you can group screens so they are representative of your messaging and create user and group profiles.

Personalise your launcher page

• Group by building, room, user type and more - it's totally flexible
• Add your own apps via apk. file or choose from our range of included apps
• Lockdown settings so users have to stay within your guidelines
• Add your logo, colours and background images
• Custom clocks

It’s simple!

1. Go to ClevertouchLive
2. Sync your UX Pro screen
3. Choose your UI layout
ClevertouchLive

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

Create user or group profiles
Log into any connected screen in your district and get your apps, home screen, settings and more.

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

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.
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.
LYNX Whiteboard

Change the way you present. With LYNX Whiteboard, the possibilities are endless. More than just a whiteboard app, LYNX Whiteboard has been designed for touchscreens and has an extremely relatable user interface.

It’s much simpler to create touch-based presentations in LYNX Whiteboard, but you can still import files from apps such as PowerPoint or PDFs if you need to use older resources that you’ve created.

You can import any type of media into your presentation and it will play within the presentation – you won’t need to go to a new window to view webpages, videos or images.

You can even split your screen so that your web browser is viewable alongside your presentation.

Cloud access with LYNX Whiteboard

Access the cloud & Log in from anywhere
LYNX Whiteboard is available to use ad-hock without login, for impromptu whiteboard + the option of logging in to access Cloud drives.

Download & Upload
Alternatively log into any Clevertouch and download your LYNX files.

Sync with other cloud-based drives
Get content from Dropbox, OneDrive, LYNX Cloud, or Google Drive and input it directly into your lessons.
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
With the functionality to add .apk files to some or all of your Clevertouch displays, your organisation can always have the latest 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
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 standardised experience for everyone in that department.
Stage Lite

Stage Lite 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 on them together.

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:
1. Visit Stg.Live
2. Enter your code
3. Start Collaborating
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
- Dedicated Support Team
- Free updates and new features
- Start a video conference call with the touch of a button
- Bring interactivity to life by allowing real life mark up of documents
- Cut down on print costs by easily emailing or sharing meeting content with participants
- Stay green with a technology that auto turns on and off
- Keep your team informed using ClevertouchLive signage, updatable with a single touch
- High user adoption due to ease of use
### Display
- **Diagonal Size**: 55" 4K, 65" 4K, 75" 4K, 86" 4K
- **Screen Type**: TFT LCD - Direct LED Backlight
- **Aspect Ratio**: 16:9
- **Display Resolution**: 4K UHD (3840 x 2160)
- **Response Time**: 5ms
- **Refresh Rate**: 60Hz
- **LCD Viewing Angle**: 178°
- **Brightness**: 420 cd/m²
- **Contrast Ratio** - FoS 1: 55,000:1; FoS 3: 65,000:1; FoS 5: 76,000:1; FoS 7: 86,000:1
- **Dynamic Contrast Ratio**: 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 MT (Gigat)
- **Life of Screen**: 50,000 hours

### Connectivity
- **OPS Slot**: 1 - insert spec 80Pin
- **HDMI In**: 3
- **HDMI Out**: 1
- **USB-A.2.0**: 1 (USB for system upgrade)
- **USB Touch (type B)**: 2
- **NEW USB A.3.0 (Feature Data Transfer)**: 4
- **NEW USB-C**: 1x USB-C with video, audio, touch, power, and hardware optimisation and ethernet - front-mounted (Supports GSW Charging) (Supports EOM Charging) 1x USB-C with video, audio, touch and hardware optimisation – side-mounted
- **LAN In (RJ45)**: 1
- **NEW LAN Out (Right)**: 1
- **RS-232**: Yes
- **Wake-on-Lan**: Yes
- **NEW Wireless Adapter**: 2.0 + VAP
- **NEW Bluetooth**: Yes - 5.0
- **VGA In**: 1
- **Audio In**: 1 (3.5mm)
- **Optical Out**: 1 (S/PDIF)
- **Headphone**: 1 (3.5mm)
- **Total output 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 (transmit only) (both 2.4 and 5 GHz bands)
- **WiFi Speed**: Capable of speeds up to 433Mbps

### Power
- **Power Requirements**: 100 - 240V 50/60Hz 3.5A
- **Power Consumption (Normal)**: 65W
- **Power Consumption (Standby)**: < 0.5 Watts
- **Ultra Quiet Fanless Design**: Yes

### Display Specifications

<table>
<thead>
<tr>
<th>Display Specifications</th>
<th>UX Pro</th>
<th>UX Pro GEN 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Panel Dimensions</td>
<td>55&quot; 1562x968x8mm</td>
<td>55&quot; 1482x2208x9mm</td>
</tr>
<tr>
<td>65&quot; 1848x1020x10mm</td>
<td>65&quot; 1786x2088x10mm</td>
<td></td>
</tr>
<tr>
<td>75&quot; 2032x1160x11mm</td>
<td>75&quot; 1970x2268x11mm</td>
<td></td>
</tr>
<tr>
<td>86&quot; 2208x1304x11mm</td>
<td>86&quot; 2112x2208x13mm</td>
<td></td>
</tr>
</tbody>
</table>

### 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 G6 (noise cancelling)**: Yes - Omni-directional up to 8 meters
- **Super Wide Sound**: Yes

### Compliance & Certification
- **Regulatory Certification**: CE, FCC, UL, Energy Star & EEC

### Support
- **For all Clevertouch products, visit**: support.clevertouch.com

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Digital Ecosystem

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