

## HCP6511

Interactive Display 65"

65" 75" 86"

**Google** EDLA



**Bytello** AI

HELGI C PRO series displays are ready for integration with Bytello AI functions\*

# Interactive Display 65"

New integrated **Octa-Core processor**

**40** simultaneous touch points

**ULTRA HD 4K** LED panel

Infrared touch technology | Built-in Android 14 | 20W x2 speakers | Ambient light sensor | Full-Link USB Type-C | Standard OPS slot | Wide range of I/O ports



**Completely redesigned processor:** state of the art in its class. Octa-core Cortex-A72 x4 + Cortex-A53 x4 | 8GB RAM | 64GB ROM. Built-in Android 14 operating system.



**Zero Gap Bonding technology** for sharper images, better contrast and reduced reflections. Automatic brightness adjustment via ambient light sensor.



**Infrared touch screen:** interaction guaranteed even with gloves and any solid object. Maximum durability thanks to 4mm thick tempered glass with Mohs 7 hardness.



**Ultra HD 4K video resolution** with a wide range of I/O ports to ensure maximum connectivity (for the full list, see technical specifications on the last page).



**Built-in 20W x2 front stereo speakers,** for a total output of 40W. No need to connect external speakers.



**Extensive suite of software** with perpetual license: Note | Note Plus | Capture | Bytello Share | Bytello Class. Bytello AI license available separately.

**WALL BRACKET**

» INCLUDED

**MAGNETIC**  
Pen holder**Wi-Fi MODULE**

» INCLUDED

**BLUETOOTH MODULE**

» INCLUDED

## What are the benefits of Zero Gap Bonding?

Zero Gap Bonding technology represents a key evolution for next-generation interactive displays. By eliminating the air gap between the protective glass and the LCD panel, this solution delivers a sharper and more natural viewing experience, with brighter colors and superior contrast even in well-lit environments. The absence of internal reflections significantly improves content readability and

reduces eye strain. Moreover, the direct contact between glass and panel makes touch input more accurate and responsive, providing the feeling of writing directly on the surface. Zero Gap Bonding therefore means higher image quality, optimal usability, and greater device durability—ideal for both educational and professional applications.

**High readability**

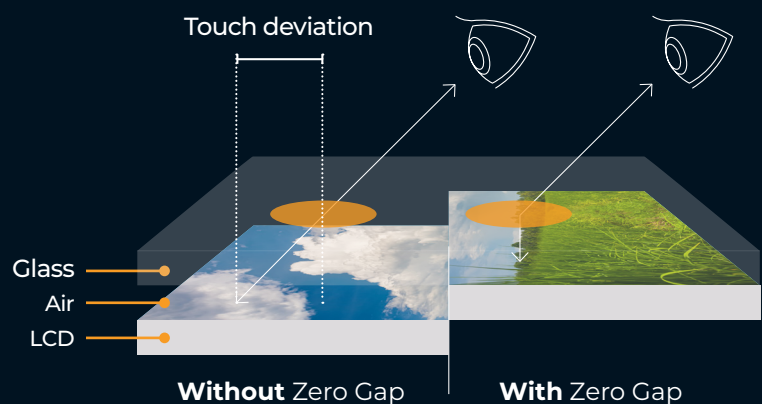
Excellent visibility even under direct light, for distraction-free work.

**Optimized contrast**

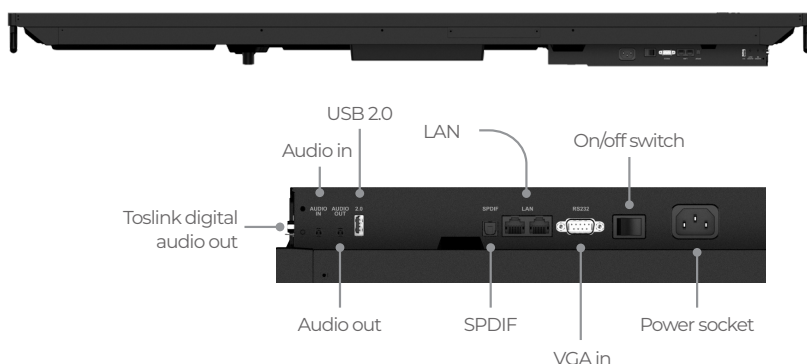
Richer colors, reduced reflections, and consistently vibrant images.

**Ultra-precise touch**

Instant and natural response to touch, for smooth and accurate interaction.

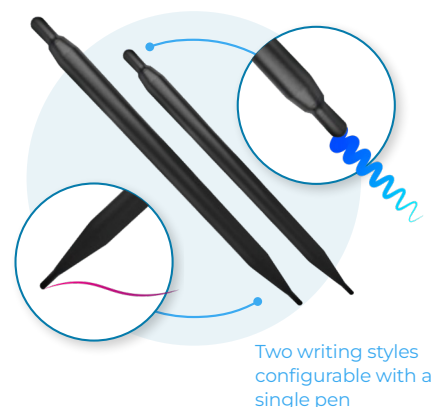


## Bottom panel

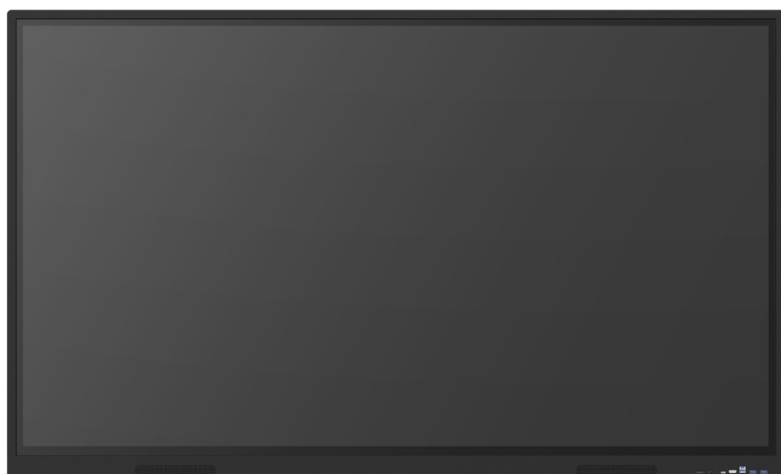


## Pens with iron core

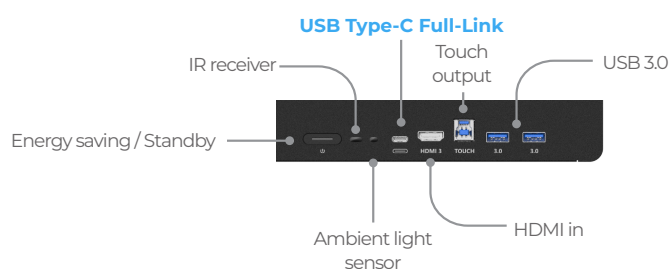
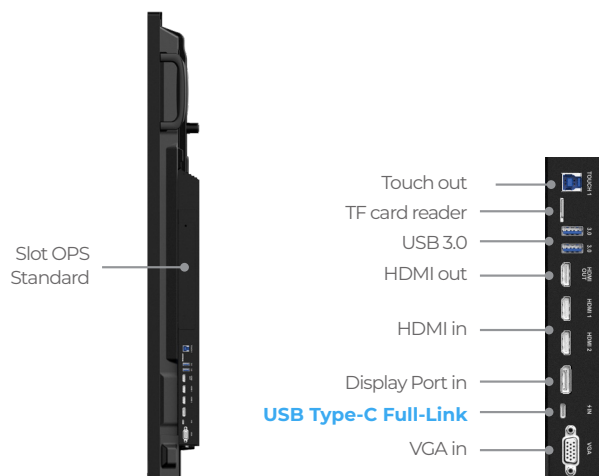
Magnetic attachment to the monitor



## Front panel



## Side panel



## USB Type-C Full-Link

Recharges **43%** in just **30 minutes**

USB Type-C Full-Link technology uses a USB 3.2 Gen 2x2 connection with transfer speeds of up to 20 Gbps, simultaneously using two 10 Gbps lanes.

## AN INTERFACE FOR EVERY NEED

With a single cable it is possible to transfer 65W charging power, Audio and Video signals up to 4K, touch output from the display to the computer, and network connection between the display and compatible devices.

ALL THE CONNECTIVITY YOU NEED  
IN A SINGLE CABLE

## LAN In/out

Autoswitching

## Two RJ45 ports

The Autoswitching system allows you to connect the Interactive Display, the OPS PC (not included), and any compatible external device intuitively through the integrated bidirectional ports, without the need for external switches.

**1000Mbps** for **maximum speed**  
Internet connection



## A new processor for outstanding performance

The **HELGI C PRO series** sets a new standard in terms of the **built-in processor**.  
Some technical data:

**Processor:** Octa-core (4x Cortex-A72 @ 2.2GHz + 4x Cortex-A53 @ 1.8GHz) with big.LITTLE architecture for balanced performance and optimized power consumption.

**GPU:** ARM Mali-G52 MC3 with 145 GFLOPS, supporting OpenGL ES 3.2, Vulkan 1.2 and OpenCL 2.1 for smooth rendering and immersive graphics.

**NPU:** 6 TOPS Neural Processing Unit for advanced AI applications.

**Memory:** Support for up to 16GB LPDDR4/4x/5, eMMC 5.1, UFS 2.0.

**Video:** Decoding up to 8K@30fps and encoding 4K@60fps (H.264/H.265/VP9/AV1).

**Display:** Support for up to 3 independent screens, maximum resolution 4K@120Hz.

**Connectivity:** HDMI 2.1, USB 3.0, Wi-Fi 6, Bluetooth 5.0, Gigabit Ethernet.



### Visual experience

Thanks to the Mali-G52 MC3 GPU and support for 4K@120Hz, the monitor delivers superior visual quality, ideal for: digital classrooms, interactive meeting rooms, information kiosks, and digital signage.



### Support for AI features

The 6 TOPS NPU supports the advanced Artificial Intelligence features offered by Bytello AI (license available separately).



### Connectivity

With multiple interfaces (HDMI In/Out, USB, Type-C Full Link, DP and VGA), the monitor can be easily integrated into complex ecosystems, supporting touch accessories, webcams and sensors, Wi-Fi/4G/5G modules for connected environments.

## Customizable interface

Pre-installed background and font libraries suitable for any setting



### Education

With the option to choose school-themed wallpapers and a dedicated font library, the monitor adapts to the classroom language, turning every lesson into a more engaging student-centered experience.



### Corporate

Elegant wallpapers and a professional font allow you to create a visual interface consistent with corporate identity, reinforcing image and style even during presentations.



### Business

Emotional wallpapers and an informal yet elegant font make create tailor-made atmospheres: from hotel receptions to in-store communication, every environment finds its own visual identity.



## All Play Store apps at your fingertips

The HELGI C-Pro series is Google EDLA certified (Enterprise Devices Licensing Agreement), a mark of quality and openness that sets this line apart in the professional interactive display market. With full access to the Google Play Store, users can freely download and update any official app, just like on an Android smartphone or tablet. This makes it easy to use Google Workspace, video conferencing tools such as Google Meet, Zoom, and Microsoft Teams, as well as collaboration, creativity, productivity, and content management apps, without restrictions. EDLA-certified devices also integrate more smoothly with Google cloud services, providing greater reliability, scalability, and compliance in structured professional environments.



## App

## Note

The Note app, pre-installed in the built-in Android operating system, is designed as a powerful and intuitive tool for creating and presenting interactive lessons rich in multimedia content.

Fully integrated with the monitor's multitouch function, Note allows you to write and draw with your fingers or any solid object, create diagrams and charts, insert videos and images, and save lessons in image or PDF format: the ideal tool to innovate traditional classroom teaching and engage students.



Wide range of freehand writing tools



Configurable workspace to adapt to everyone's needs



Screen recording function to replay and share lessons



Advanced drawing tools, extensive library of interactive and multimedia content

## Create customized assessments



## Turn your smartphone into a learning tool!

Thanks to the AirClass 2.0 app, students can connect to Note and take part, using their smartphone, in quizzes, tests, and polls, with real-time feedback.



AirClass 2.0

PERPETUAL LICENSE  
INCLUDED



## Software

## NotePlus

Note Plus software is the advanced version of the Note app included in the monitor's Android operating system, designed to be used with a Windows PC, either the integrated OPS or an external computer. Note Plus includes a wide library of advanced tools for creating and presenting lessons rich in interactive content: handwritten mathematical formula recognition, tools for technical drawing and the simulation of physics and chemistry experiments, text-to-speech, the ability to insert hyperlinks, and much more.



Subject-specific teaching tools



PowerPoint presentation import



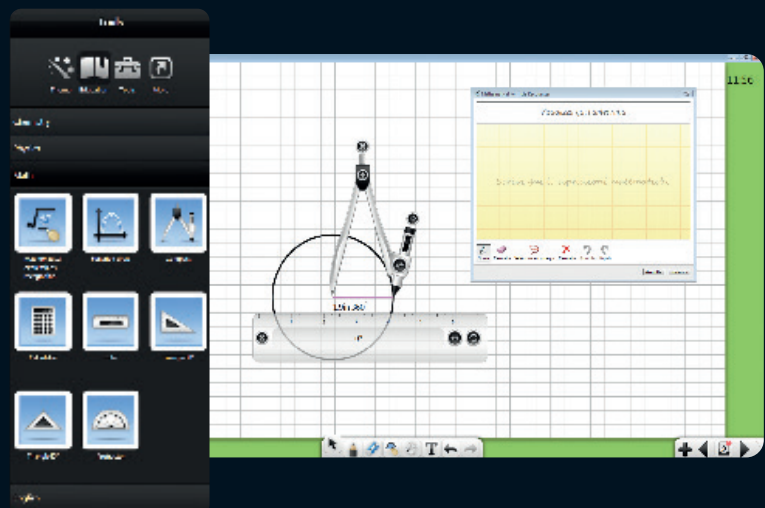
Text-to-speech



Hyperlinks



Advanced drawing tools



Compatible with PowerPoint, Note Plus allows you to create an unlimited number of slides, enabling lessons to be built in an organic and structured way. The included perpetual license also gives teachers and students the opportunity to download and install the software on their personal PCs, allowing them to prepare lessons and review them at home.

PERPETUAL LICENSE  
INCLUDED



DOWNLOAD HERE



## Software

# Capture

Capture software for Windows is the ideal solution for blended learning and flipped classrooms. Its advanced video and audio capture and editing tools—including the valuable function of recording audio directly from the PC—allow teachers to prepare highly engaging multimedia lessons, with the possibility of sharing them with students.



## Video recording

Capture the entire screen, a selected area, or external sources such as webcams and document cameras. Capture provides everything you need to create professional content easily and intuitively.



## Audio recording

Capture allows recording from a microphone, external devices, or directly from the system, with the option to import external files.



## Video editing

Cut, edit, add text, images, audio, and watermarks. Work on unlimited tracks and export in MP4: everything you need for complete editing in a single platform.



PERPETUAL LICENSE  
INCLUDED



DOWNLOAD HERE

## App



# Bytello Share

The Bytello Share app, pre-installed in the built-in Android operating system, enables wireless content sharing from any device regardless of the operating system, allowing real-time audio and video sharing from connected devices. The split screen function also supports the simultaneous connection of up to nine devices.

PERPETUAL LICENSE  
INCLUDED



## App



# Bytello Class

Bytello Class is a browser-based application that allows teachers to create interactive and engaging lessons with writing, annotation, and collaboration tools. Accessible from any device and integrated with cloud services such as Google Drive and OneDrive, it enables easy management of documents, quizzes, and activities in real time.

PERPETUAL LICENSE  
INCLUDED



# Bytello AI

## Integrate **Artificial Intelligence** into HELGI interactive displays

The exclusive Bytello AI feature—available by subscription and integrated into the monitor's Android operating system—offers a set of Artificial Intelligence tools designed to take the user experience to the next level.

SUBSCRIPTION PLAN

### Smart Pen



Built-in microphone



Real-time translation of any multimedia file



Control the monitor with the pen

### AI Circle & GO



Perform smart searches on any content displayed on the monitor. Simply circle an element on the screen to activate AI search and get all the information you need.



#### AI Analysis

Automatic description of circled content



#### Image

Visual suggestions and related images



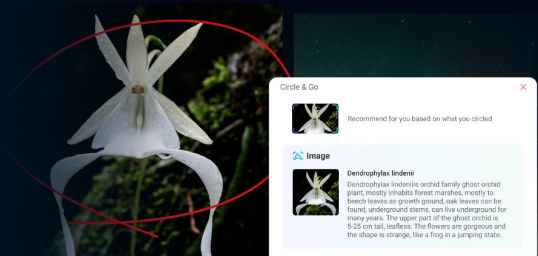
#### Exercise

Instant resolution of mathematical calculations



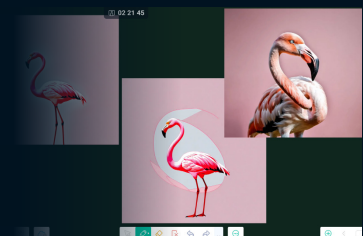
#### Video

Videos relevant to the selected content



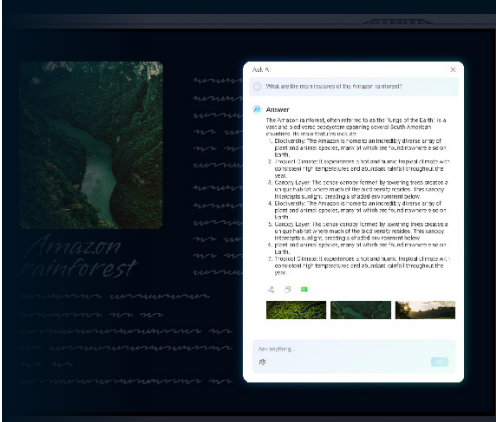
### Image generation

Create images from a text prompt in illustrated book, realistic, and 3D styles



### Ask AI

Let the AI answer any question written or dictated using the smart pen

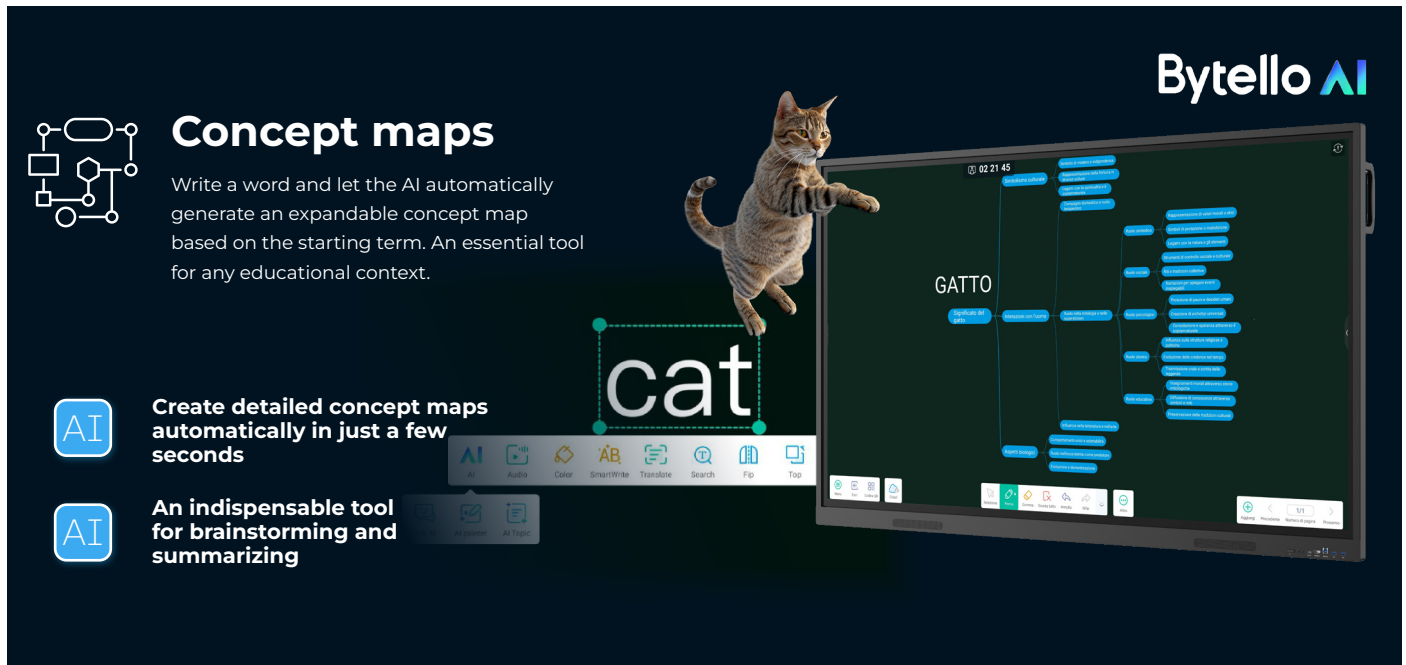


## Concept maps

Write a word and let the AI automatically generate an expandable concept map based on the starting term. An essential tool for any educational context.

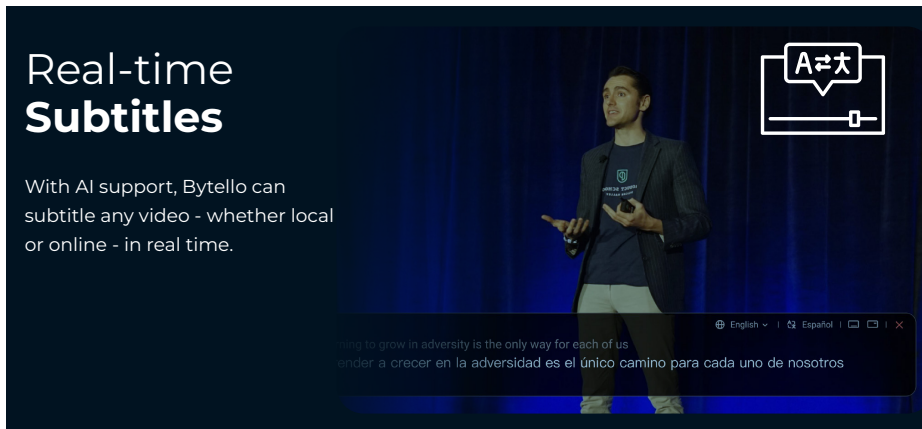
**Create detailed concept maps automatically in just a few seconds**

**An indispensable tool for brainstorming and summarizing**



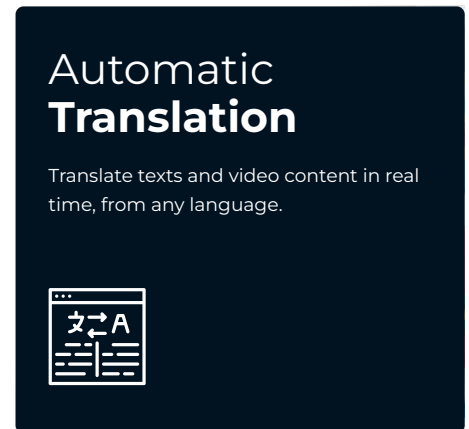
## Real-time Subtitles

With AI support, Bytello can subtitle any video - whether local or online - in real time.



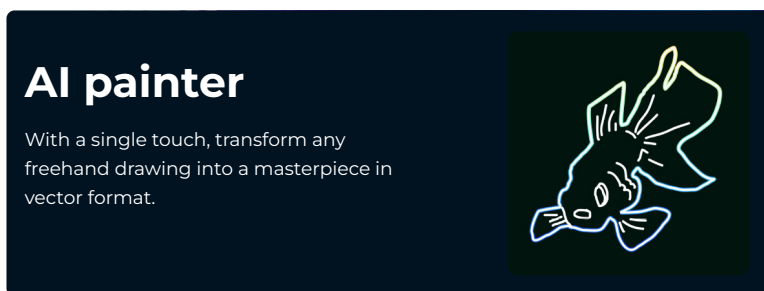
## Automatic Translation

Translate texts and video content in real time, from any language.



## AI painter

With a single touch, transform any freehand drawing into a masterpiece in vector format.

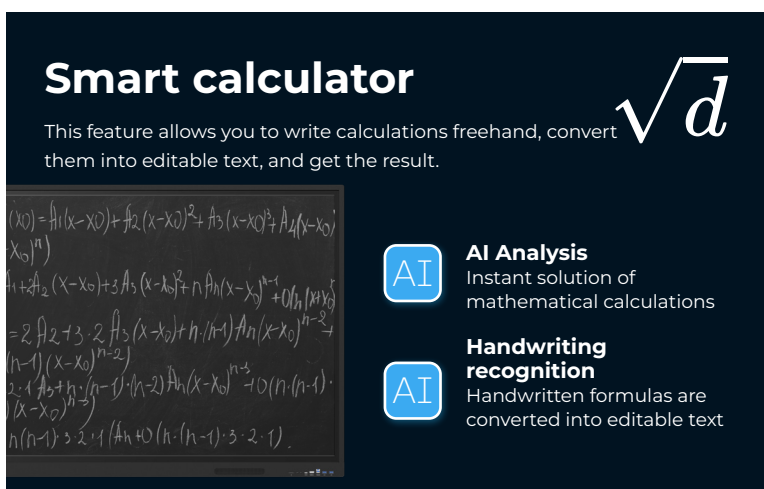


## Smart calculator

This feature allows you to write calculations freehand, convert them into editable text, and get the result.

**AI Analysis**  
Instant solution of mathematical calculations

**Handwriting recognition**  
Handwritten formulas are converted into editable text



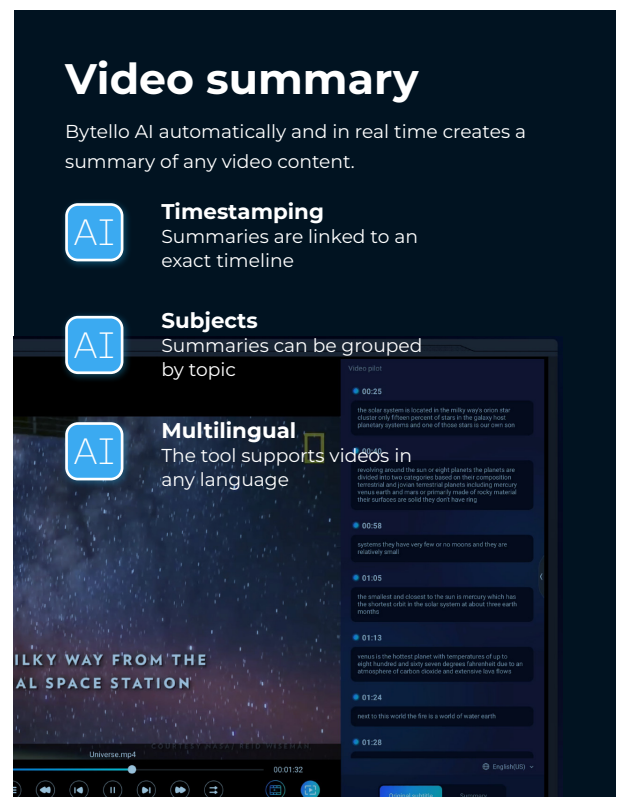
## Video summary

Bytello AI automatically and in real time creates a summary of any video content.

**Timestamping**  
Summaries are linked to an exact timeline

**Subjects**  
Summaries can be grouped by topic

**Multilingual**  
The tool supports videos in any language

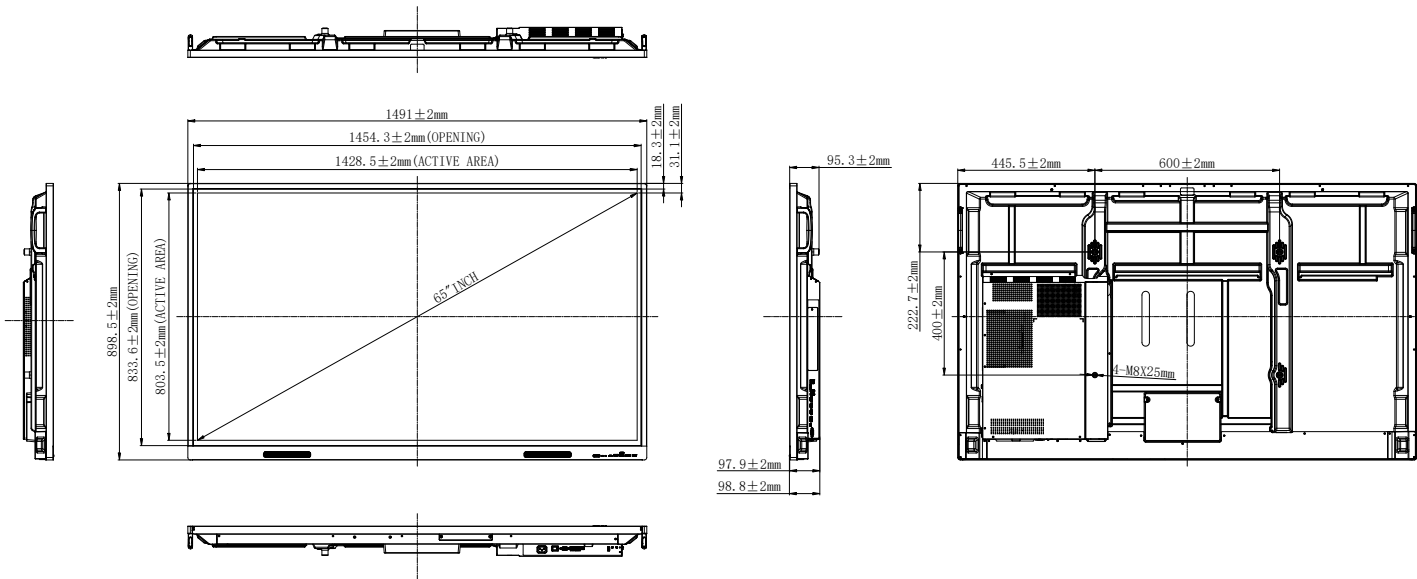




| HELGI code HCP6511 |                    |                                              |
|--------------------|--------------------|----------------------------------------------|
| DISPLAY            | ILLUMINATION       | Direct type LED                              |
|                    | Quality            | A grade                                      |
|                    | Display area       | 142,8 x 80,3 cm                              |
|                    | Diagonal size      | 65"                                          |
|                    | Aspect ratio       | 16:9                                         |
|                    | Resolution         | UltraHD 4K                                   |
|                    | Color depth        | 1.07 billions (10 bit)                       |
|                    | Brightness         | 500 cd/m <sup>2</sup>                        |
|                    | Contrast           | 5.000:1                                      |
|                    | Viewing angle      | 178° V / 178° H                              |
|                    | Refresh rate       | 60Hz                                         |
|                    | Response time      | 2,5 ms                                       |
|                    | Sensors            | Ambient light                                |
| TOUCH              | Touch tehcnology   | Infrared matrix                              |
|                    | Driver             | HID                                          |
|                    | Multi-touch points | Up to 40 (Windows)                           |
|                    | Input tools        | Fingers (even with gloves) or any object     |
|                    | Tool size          | <1.8 mm                                      |
|                    | Response time      | <1.4 ms                                      |
|                    | Accuracy           | ±0.5 mm                                      |
| TECHNICAL SPECS    | Input resolution   | 32767 x 32767                                |
|                    | Surface            | 4mm anti-glare tempered glass, Mohs level 7* |
|                    | External size      | 148,9 x 89,7 x 8,6 cm (L x H x P)            |
|                    | Net weight         | 40,2 Kg                                      |
|                    | VESA               | 600 x 400 mm                                 |

| INTERFACE           | Input                   | 3x HDMI IN (1x front), 2x USB type-C Full-Link (front), 1x VGA IN, 1x DP IN, 1x PC AUDIO IN, 1x USB 2.0 OTG, 4x USB 3.0 (2x front), 1x RS232, 1x LAN IN (RJ45), 1x slot TF Card                                           |
|---------------------|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                     | Output                  | 2x TOUCH OUT (1x front), 1x HDMI OUT, 1x Audio OUT, 1x COAX Out (SPDIF), 1x LAN OUT (RJ45)                                                                                                                                |
|                     | Connectivity            | Ethernet LAN, Wi-Fi, Bluetooth, HotSpot                                                                                                                                                                                   |
|                     | Speaker power           | 20W x 2                                                                                                                                                                                                                   |
|                     | OPS slot                | Compatible with 80 pin standard OPS                                                                                                                                                                                       |
| ANDROID OS          | OS version              | Android 14                                                                                                                                                                                                                |
|                     | Compatible applications | GSuite, Google Apps, Microsoft Office, Microsoft Teams, Cisco Webex, Zoom, Google Chrome, Mozilla, Firefox, Skype                                                                                                         |
|                     | App installation        | All apps compatible with the system's Android version (function can be disabled)                                                                                                                                          |
|                     | CPU                     | Octa-core Cortex-A72 x 4 + Cortex-A53 x 4                                                                                                                                                                                 |
|                     | GPU                     | Mali G52 MC3                                                                                                                                                                                                              |
|                     | RAM                     | 8 GB                                                                                                                                                                                                                      |
| POWER SUPPLY        | SSD                     | 64 GB                                                                                                                                                                                                                     |
|                     | Maximum consumption     | 235W                                                                                                                                                                                                                      |
|                     | Standby consumption     | ≤0.5W (Standby)                                                                                                                                                                                                           |
|                     | Lifespan                | 60.000 hours                                                                                                                                                                                                              |
| ACCESSORIES         | Operation               | 24/7                                                                                                                                                                                                                      |
|                     | Package contents        | 1x EU / UK Power cable (3m), 1x HDMI (3m), 1x USB (5m), User Manual, 2x Passive pens, 1x Remote control (batteries included), 1x SI07 (Dual Mode Wi-Fi Module), 1x Wall mount bracket                                     |
|                     | Included software       | Bytello Class Pro (Android), Bytello Note (Android), AirClass (Android), NotePLUS (Windows), Capture (Windows)                                                                                                            |
| Certifications      |                         | CE, RoHS, FCC                                                                                                                                                                                                             |
| Supported languages |                         | Catalan, Czech, Danish, German, Estonian, English, Spanish, French, Croatian, Italian, Hungarian, Dutch, Norwegian, Polish, Portuguese, Romanian, Turkish, Swedish, Greek, Russian, Arabic, Chinese, Japanese, Lithuanian |

| Environmental operating conditions |                    |                     |                  |                   |
|------------------------------------|--------------------|---------------------|------------------|-------------------|
| Operating temperature              | Operating humidity | Storage temperature | Storage humidity | Altitude          |
| 0°C~40°C                           | 10%~90%RH          | -20°C~ 60°C         | 10%~90%RH        | Below 5000 meters |



\* Exclusive material treatment – Prevents proliferation of common germs and bacteria



**[www.HELGI-europe.com](http://www.HELGI-europe.com)**

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