HELGI
THE DIGITAL COURTYARD

www.HELGI-europe.com

86” Wi-Fi Interactive Flat Panel

50 simultaneous touch points LED ULTRA HD

Integrated touch | Infrared technology | Integrated Microphone
Ambient light sensor | 15Wx2+20Wx2 Integrated speakers
Bytello Share license included | USB Type-C Full-Link 100W

HX8610

IFP 86” X SERIES WI-FI + WALL MOUNT

Google EDLA Android 15

65” 75” **86”**

ENERGY STAR

Zero Gap

Zero Gap Technology allows sharper images with better contrast and reduced glare.

Automatic brightness adjustment via ambient light sensor.

50 touch points

Infrared technology touch screen; usable even with gloves or any other solid object.

Anti-glare tempered glass with Mohs 7 4mm thickness.

15Wx2 | 20Wx2

Integrated 15Wx2 and 20Wx2 stereo speakers. Total power 30W + 40W

I/O 4K Connections

4x HDMI IN, 1x USB Type-C Full-Link 100W, 1x USB Type-C Full-Link 15W, 4x USB 3.0, 1x USB 2.0 OTG, 2x TOUCH OUT, 1x Display Port, 1x RS232, 2x LAN (RJ45 - Autoswitching)

Android 15

CPU Octa Core A76×4+A55×4
8GB RAM, 128GB ROM
OPS Standard slot

SI07B Wi-Fi and Bluetooth module included

Bytello AI

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

* The Bytello AI license is available separately. Contact us for more information.

Use cases

Education

The display adapts to the classroom environment, turning each lesson into an engaging experience.

Corporate

A tool aligned with corporate needs, enhancing brand image and style even during presentations.

Business

Custom-designed environments - from welcoming hotel guests to enhancing communication at the point of sale.

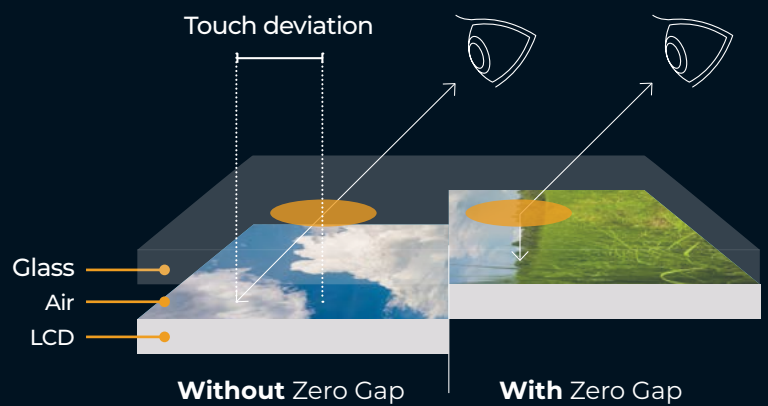
What are the benefits of **Zero Gap Bonding**?

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.



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

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.

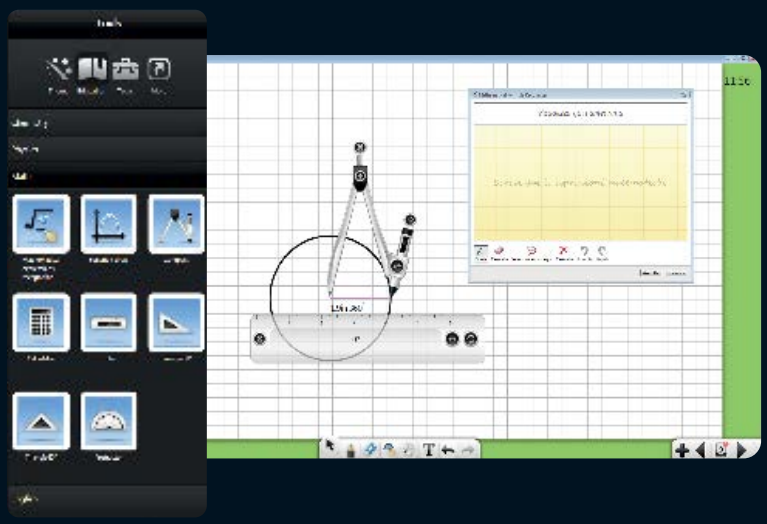
AirClass 2.0

PERPETUAL LICENSE
INCLUDED

Software

Note^Plus

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

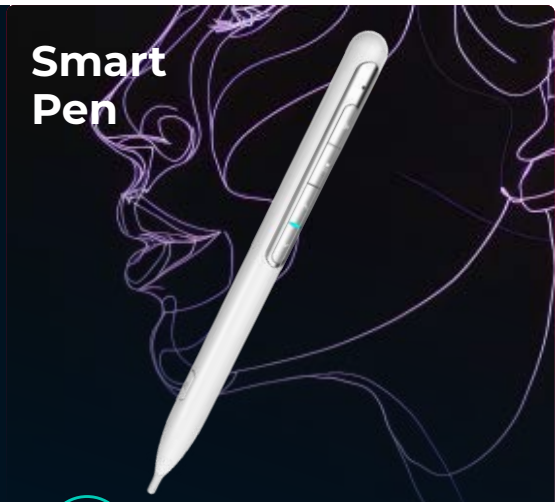
Bytello AI

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

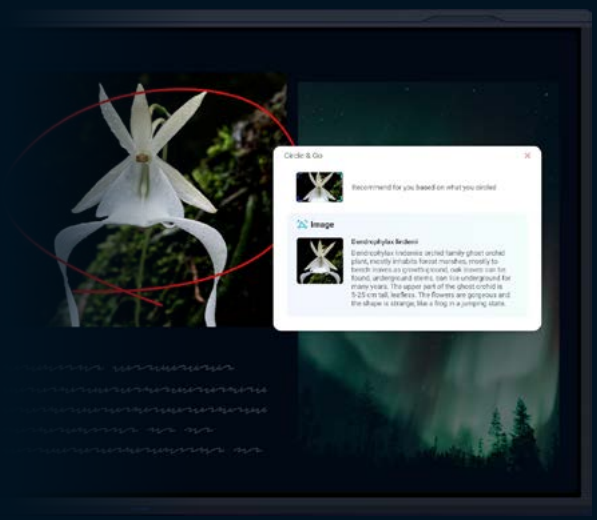
Smart Pen



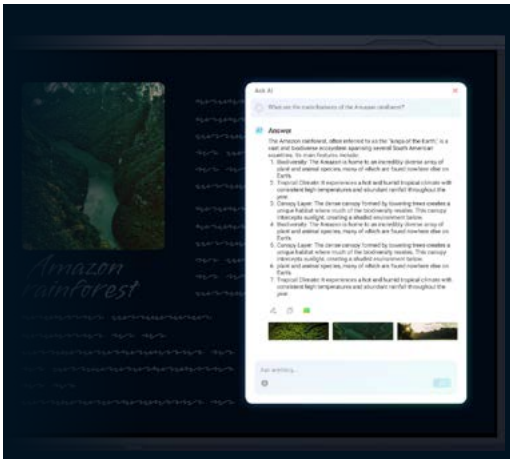
- Built-in microphone
- Real-time translation of any multimedia file
- Control the monitor with the pen

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

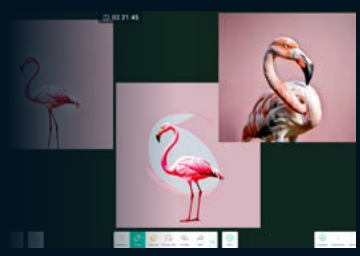


Ask AI

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

Image generation

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



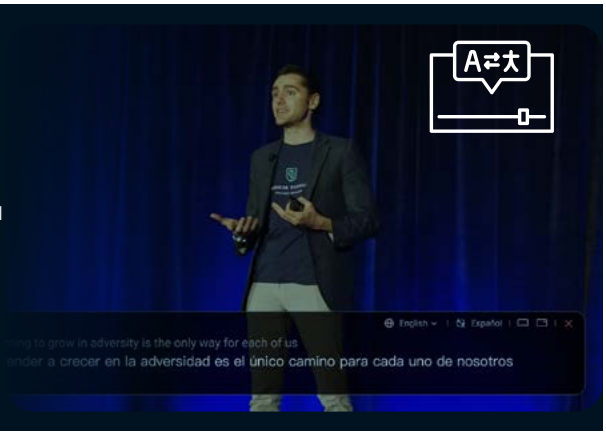
Concept maps

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**

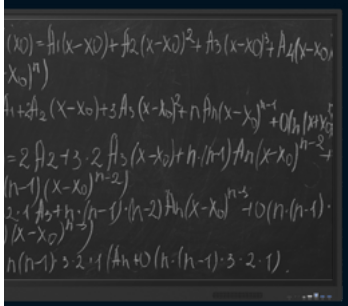
Translate texts and video content in real time, from any language.

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.

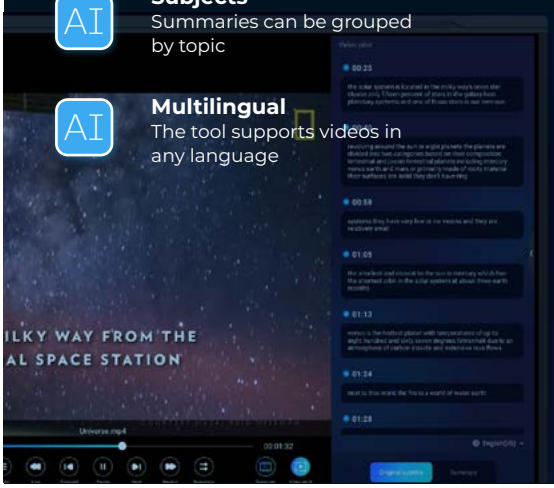


- **AI Analysis**
  Instant solution of mathematical calculations
- **Handwriting recognition**
  Handwritten formulas are converted into editable text

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



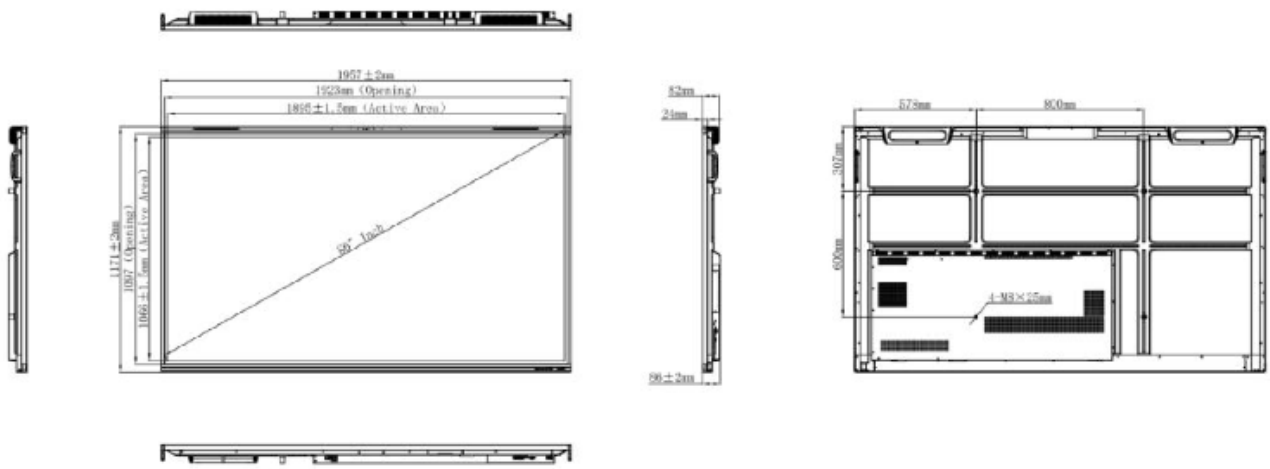
Code HX8610

DISPLAY	Lighting	Direct type LED
	Quality	Grade A
	Display area	189,5 × 106,6mm
	Diagonal	86”
	Aspect ratio	16:9
	Resolution	UltraHD 4K
	Color depth	1.07 billion (10 bits)
	Brightness	560 cd/m² - 600 cd/m²
	Contrast	4.000:1
	Viewing angle	178°
	Refresh rate	60Hz
	Response time	≤1ms
	Sensors	Ambient light
TOUCH	Touch technology	Infrared matrix
	Driver	HID
	Simultaneous touch points	Up to 50 (Windows, Android and Mac OS)
	Input tools	Fingers (even with gloves) or any other passive object
	Object size	≤1.6mm
	Response time	≤1.3ms
	Accuracy	±0.5 mm (touch area greater than 90%)
	Input resolution	32768(W)×32768(D)
TECH DATA	Surface	Anti-reflective tempered glass 4mm Mohs level 7
	External dimensions	1957×1171×86mm
	Net weight	63,55Kg
	VESA	800×600 mm

INTERFACE	Input	4x HDMI IN (2x front), 1x USB Type-C Full-Link 100W (front), 1x USB Type-C Full-Link 15W (rear), 4x USB 3.0 (2x front), 1x USB 2.0 OTG, 2x TOUCH OUT, 1x Display Port, 1x RS232, 2x LAN (RJ45 - Autoswitching)
	Output	1x HDMI OUT, 1x USB Type-C OUT, 1x Audio OUT, 1x SPDIF
	Connectivity	Ethernet LAN, Wi-Fi, Bluetooth, HotSpot
	Microphone	Built-in Microphone Array x8 (Pickup distance 10 m)
	Speaker power	2×15W+2×20W
	OPS slot	Compatible with OPS Standard 80 Pin
ANDROID OS	System version	Android 15
	Compatible applications	GSuite, Google Apps, Microsoft Office, Microsoft Teams, Cisco Webex, Zoom, Google Chrome, Mozilla Firefox, Skype
	App installation	All apps compatible with the Android version of system (function can be deactivated)
	CPU	Octa Core A76×4+A55×4
	GPU	Mali-G610 MP4
	RAM	8 GB LPDDR4X @ 4266 MT/s (2x4 GB), 64-bit bus (2x32-bit)
	SSD	128 GB eMMC 5.1 (retrocompatibile 4.41–5.0, trasferimento dati fino a 400 MB/s)
ENERGY	Maximum consumption	570W
	Standby consumption	≤0.5W
	Ligfetime	≥60.000 Hours
	Operating time	16/7
	EMC Class	Class B
ACCESSORIES	Content of the package	1x EU / UK Power Cord (3m), 1x HDMI (3m), 1x USB (5m), User Manual, 2x Passive Pens 1x Remote Control (batteries included), 1x SI07B (Wi-Fi Module), 1x wall mounting
	Included software	Note (Android), Note[PLUS] (Windows) Capture (Windows), BytelloClass (Android)

Certifications	
EnergyStar**, ROhs, CE, EDLA	
Admitted 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 Conditions				
Operation temperature	Operation humidity	Storage temperature	Storage humidity	Altitude
0°C~40°C	10%~90%RH	-20°C~ 60°C	10%~90%RH	less than 5000 m



*Compliant with the European directive 2009/125/CE, known as ErP “Energy related Products” equivalent of American Energy Star
**Exclusive material treatment - Prevents the proliferation of common germs and bacteria

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