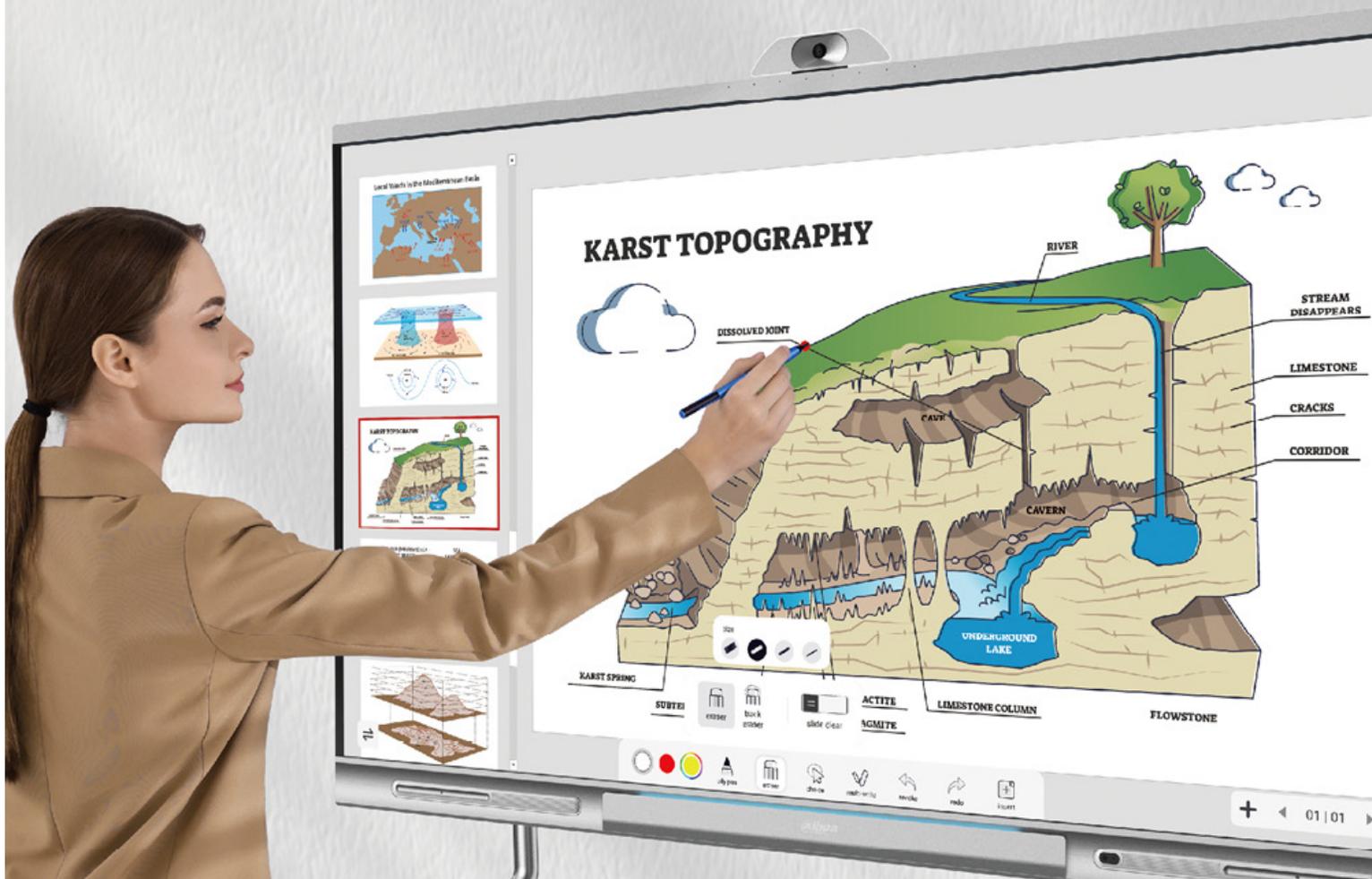


# Dahua DeepHub Canvas

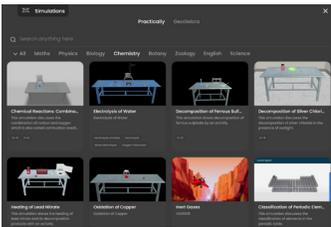
## Educational Software Series



## Introduction

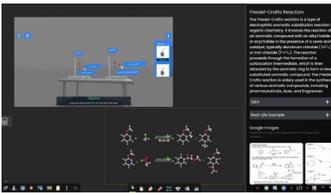
DeepHub Canvas harnesses the capabilities of AI-powered Chat GPT to facilitate interactive pedagogy. It is fortified by DRM content protection to safeguard an extensive array of resources, encompassing over 3,000 videos, 30,000 3D objects, and 1,000 simulations. The platform performs collaborative assessments, creates polls, records and archives videos, and recognizes over 197 languages. It also has a text-to-speech function, which creates an immersive reading experience. This smart whiteboard is poised to revolutionize the educational landscape by elevating engagement levels, providing data security and fostering inclusivity within a seamlessly integrated framework.

## Features



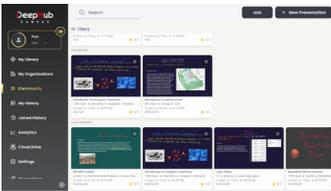
### Multiple Teaching Tools

Offers a variety of teaching tools such as the calculator, stopwatch, ruler and compass. It also features split window, screen mirroring, text box, notes, mind map, and more. You can search and insert videos and images online, and access a variety of teaching templates, 3D materials, and course simulations to meet your teaching needs.



### Smart AI Recognition

Handwriting can be quickly recognized and automatically transformed into text in the standard font. For recognizable content, the software provides definitions, reads text out loud and transforms hand-drawn graphs into standard ones. It also supports automatically inserting characters, images and videos into the course that it recognizes.



### Cloud Platform and Storage

The cloud platform can be freely logged into through a Google or Microsoft account, and you can conveniently access your cloud storage to import and export files.



### Online Sharing

Students can access courses through QR codes and emails. They can also join classes and actively communicate online through Canvas or by using the screen sharing code.

## ■ Functions

|   |  |
|---|--|
| <b>QR Code Login</b>                        | The application can be easily logged in to through a Microsoft or Google account by simply scanning a QR code. This provides a safe and convenient way to access the software.   |
| <b>Media Dashboard</b>                      | The dashboard is a central location for creating and managing presentations, videos, simulations, and 3D objects. It makes it easy to organize your work and keep track of the progress of projects.   |
| <b>Pen Tools</b>                            | Offers the standard pen, dashed-line pen and highlighter for writing, drawing and highlighting. You can also freely change the color of the ink to suit your needs.  |
| <b>Eraser Tools</b>                         | Features a standard eraser, object eraser and clear all option to erase content from the canvas.   |
| <b>Shapes</b>                               | A wide selection of shapes are available for use on the canvas for you to create diagrams and other types of visual aids while you work.   |
| <b>Text Tools</b>                           | Text can be incorporated into any project for presentations, annotations and more.   |
| <b>Sticky Notes</b>                         | Simplifies notetaking by allowing you to add notes to your work, so that you can jot down ideas and leave reminders for yourself.  |
| <b>Backgrounds</b>                          | A wide selection of backgrounds is available to enhance the beauty and effectiveness of your work.   |
| <b>Templates</b>                            | Numerous pre-made templates can be selected from to quickly get started on designing your project.   |
| <b>Screen Recording</b>                     | Videos can be conveniently made of your work with the screen recording function to create tutorials, presentations and more.   |
| <b>Import and Export</b>                    | Files can be imported and exported in various formats for you to easily share your work with others.   |
| <b>Timer</b>                                | A nifty time tool that counts down from a specified time. It is great for use in presentations and simulations as it can be displayed on the canvas.   |
| <b>Dice</b>                                 | A virtual dice that can be used to play games and perform simulations.   |
| <b>Stopwatch</b>                            | An easy to use tool that measures the amount of time that elapsed from a set point to help you keep track of time during presentations and simulations.  |
| <b>Split Screen</b>                         | The screen can be split into multiple windows for you to compare and contrast different elements of your work.   |
| <b>Symmetric Drawing</b>                    | Assists with drawing symmetrically to help you create diagrams and patterns that are symmetrical.  |
| <b>Freehand Drawing</b>                     | Encourages creativity by allowing you to draw freehand to create your own shapes, patterns and designs.  |
| <b>Math Tools</b>                           | Provides various tools for performing mathematical operations for you to create diagrams and visual aids for math problems.  |
| <b>Scientific Calculator</b>                | Features a calculator that can perform scientific calculations to assist with solving complex math problems.   |
| <b>Camera</b>                               | Conveniently takes pictures of the scene, documents and more straight from the smart whiteboard for you to enhance your work with different types of visual aids.  |
| <b>Infinite Canvas</b>                      | Offers a canvas with no spatial limits for you to freely create large diagrams and visual aids.  |
| <b>AI Art</b>                               | Leverages powerful AI technology to recognize shapes that are drawn freehand on the canvas to provide suggestions which are related to the drawing. The suggested items can be directly added to the canvas for you to create complex diagrams, shapes and more.     |
| <b>Google Image Search</b>                  | Images can be easily searched for on the internet through Google and added to the canvas without ever leaving the application.   |
| <b>Smart YouTube Search</b>                 | YouTube can be directly accessed through the application to search for videos. You can also add the videos to the canvas with just the click of a button.  |
| <b>Smart Content</b>                        | Offers multiple immersive videos, 3D models, and the ability to add websites to the canvas for you to fill your work with interactive and engaging content.  |
| <b>Invitation with QR and Session Codes</b> | Students can be conveniently invited to join sessions through QR codes and session codes to make it easy for teachers to conduct online classes and collaborate with students.   |
| <b>Mobile App Synchronization</b>           | The smart whiteboard can synchronize with the mobile app for the images that students draw on the mobile app to appear on the canvas of the whiteboard when permitted by the teacher. This makes online classes and collaborative work more engaging and fulfilling. |