DEEPER COLLABORATION,
HIGHER EFFICIENCY

Where to Use Our
DeepHub?

DeepHub in **Business**

Local

Hybrid

Remote
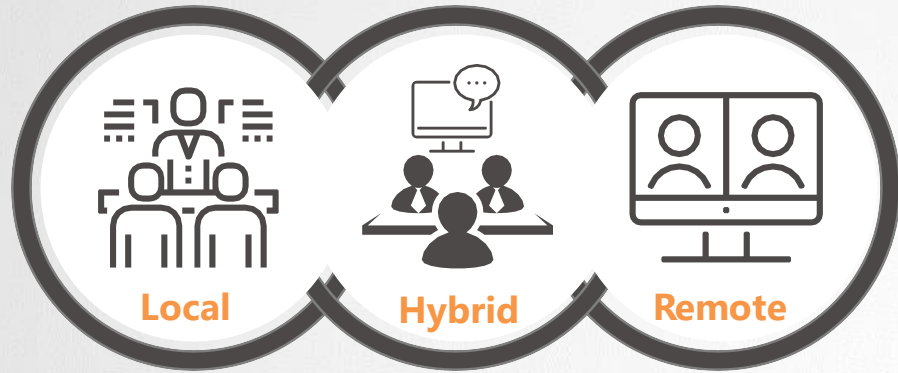
Local & Hybrid Collaboration

- Brainstorming
- Presentation
- ......

Video Conferencing

- All-in-One
- Scalable
- ......

DeepHub in Business

In *Local Collaboration* scenarios, The Deephub creates an intelligent digital workspace which can meet the requirements of various office activities, such as presentation, brain storming, content creation, etc., enhancing work efficiency and promote idea sharing.

DeepHub in Business

Team members away from office can seamlessly join in for *Hybrid Collaboration*. The Deephub supports high quality audio & video communication as well as cloud content interaction, facilitating working across locations

internet

DeepHub in Business

In *Video Conferencing* applications, The Deephub adopts an all-in-one design and replaces multiple equipment in traditional meeting rooms, getting rid of messy cables and complex operations. Besides, it allows extension for large-scale or professional conference rooms.

Traditional Conference Room

Projector

Whiteboard

Microphone

Speaker

Computer

Camera & Displays

DeepHub in **Education**

Interactive Classroom

- Interactive teaching
- Active learning
- ......

Hybrid Learning

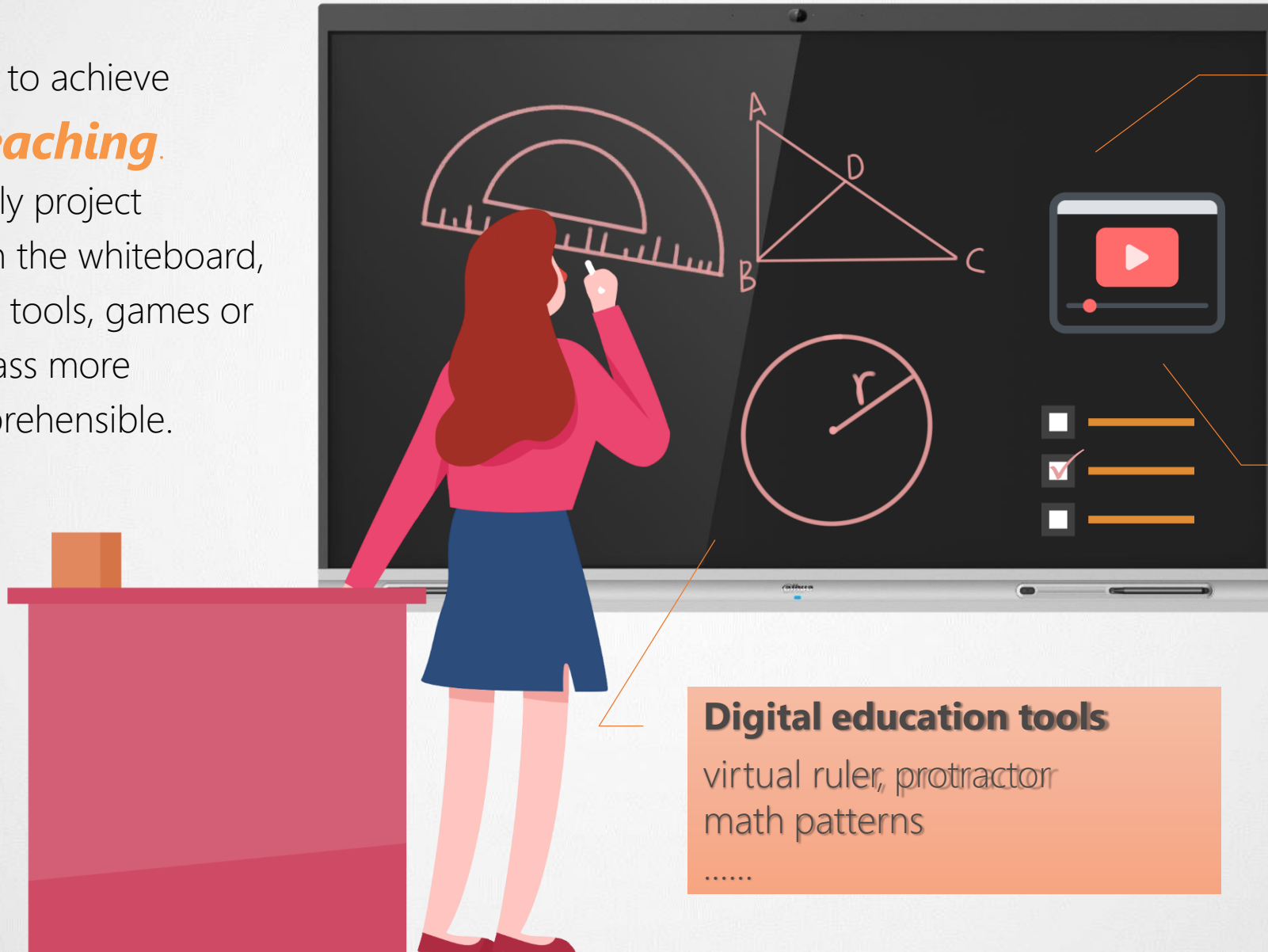- In-class and distance learning
- Interactive content + VCS
- ......

DeepHub in Education

The Deephub helps to achieve *Interactive Teaching*.
Teachers can not only project teaching content on the whiteboard, but also use various tools, games or quiz to make the class more attractive and comprehensible.

Whiteboard
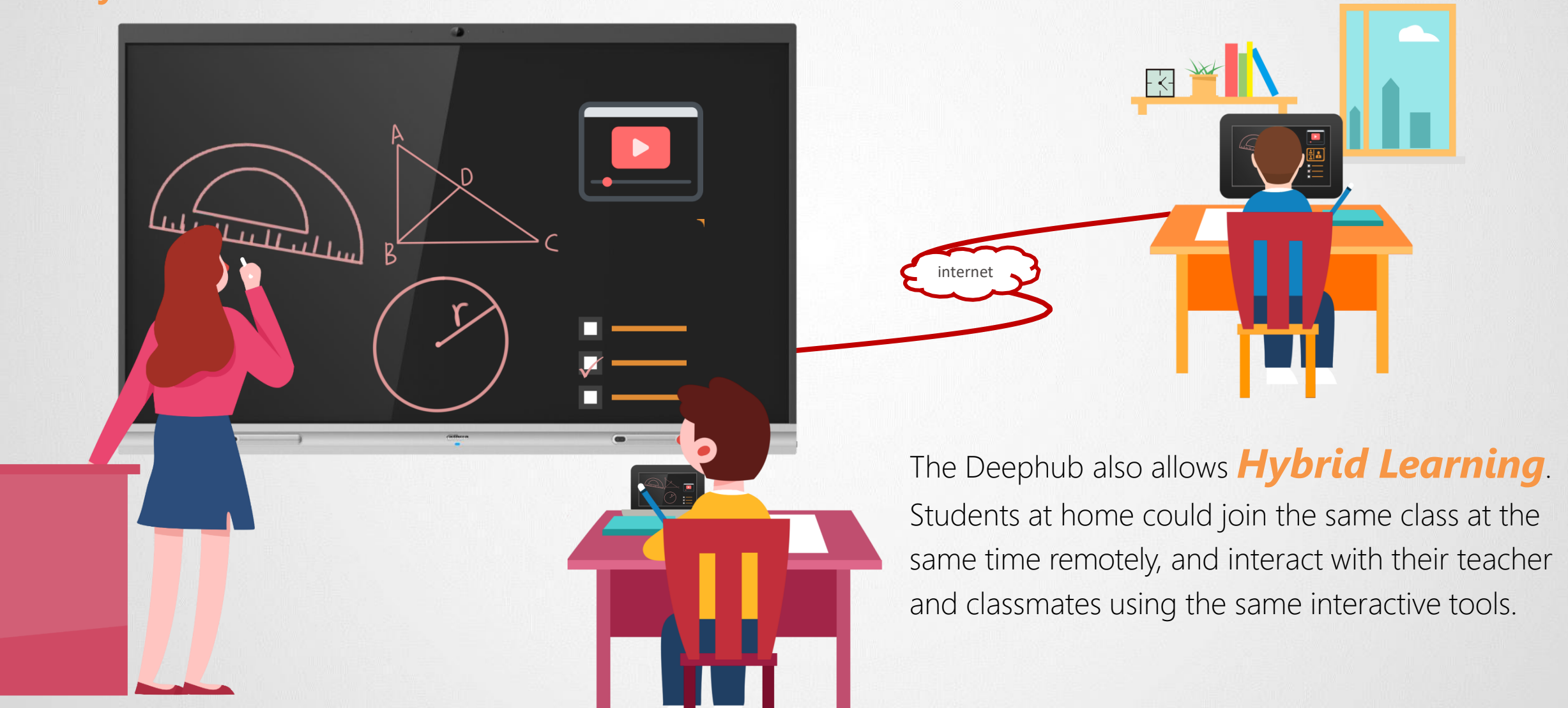presentation write, draw, save content
......

Interactive content
games, quiz, video
......

Digital education tools
virtual ruler, protractor
math patterns
......

DeepHub in Education

Hybrid Education

The Deephub also allows *Hybrid Learning*. Students at home could join the same class at the same time remotely, and interact with their teacher and classmates using the same interactive tools.

DeepHub in Education

Key Benefits :

Enhance classroom experiences

with interactive learning environments that improve student outcomes

Expand learning opportunities

by enabling learning at any time, anywhere, to reach more students

Ease administrative burden

with simplified solution management that optimizes teaching time

Key Use Cases

Make courseware readily available to students and parents on an online server

Record an entire course with multiple angles, high-quality audio and video, and programmable effects

Interact in real time with remote students through an interactive whiteboard and software

Intelligently direct recordings and broadcasts and automatically upload to the cloud
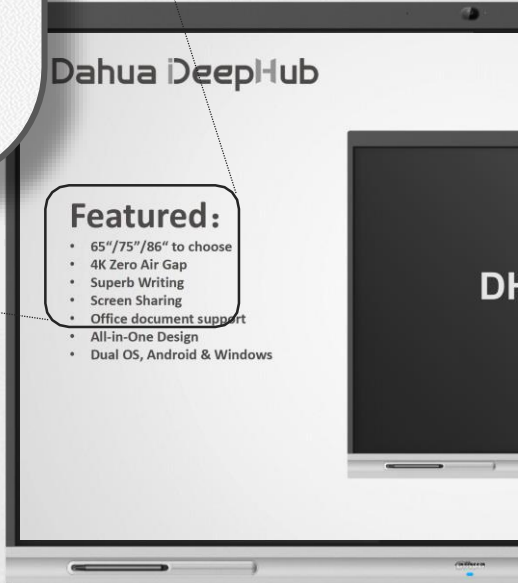
4K Display

- **More details**
  - crystal clear presentation
  - more readable text on big screen

- **Future proof**
 - 4K UHD content support

1080P **4K Ultra Clear**

Featured：

- 65"/75"/86" to choose
- 4K Zero Air Gap
- Superb Writing
- Screen Sharing
- Office document support

Unrecognoizeable small text, Information lost

Dahua DeepHub

Featured：
- 65"/75"/86" to choose
- 4K Zero Air Gap
- Superb Writing
- Screen Sharing
- Office document support
- All-in-One Design
- Dual OS, Android & Windows

Zero Air Gap

- **Better viewing angle & color**

- less internal reflect between glass and LCD, especially in large viewing angles

- **Better writing experience**

- fewer distance between pen tip & display (Parallax), more solid writing

Cover Glass

Air Gap

LCD Panel Display

Cover Glass

0 Gap
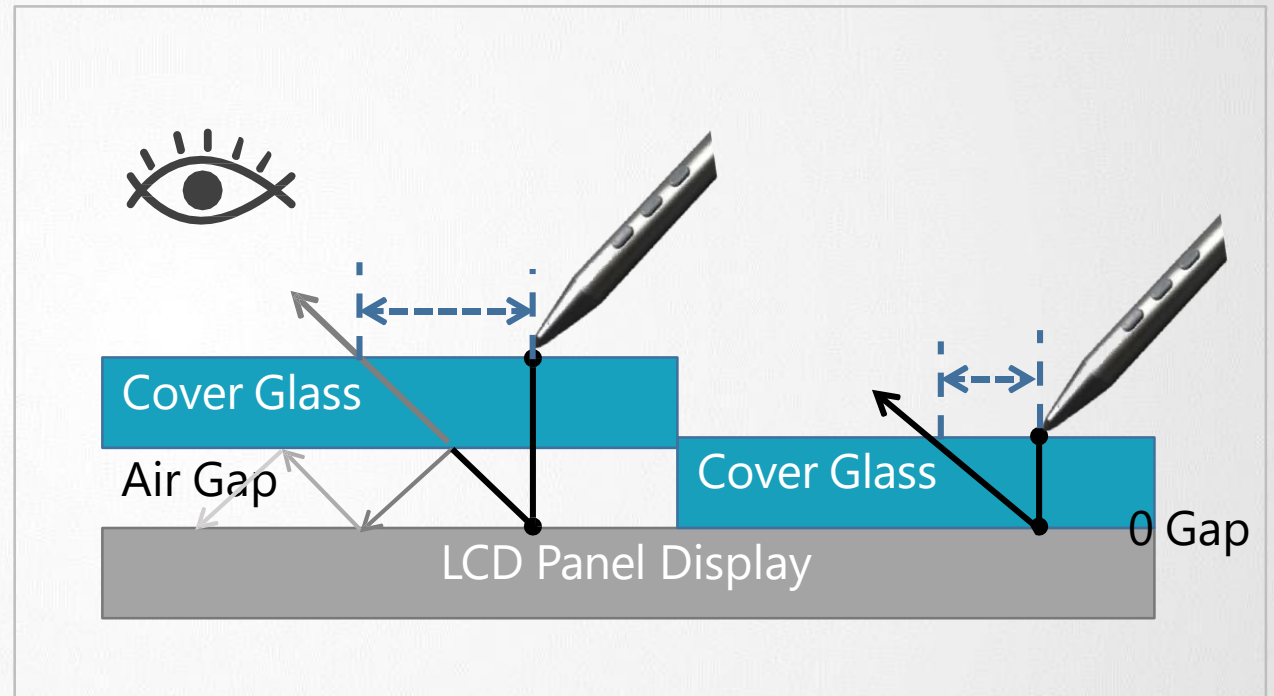
Advanced Writing

•**Natural, consistent, fast & accurate writing**

  - zero air gap, low parallax

  - less than 10ms touch response

  - ink-like handwriting

  - 20 points multi-touch

• **Instant annotation**

-    annotate anytime on any sources displayed on the screen

Easy Save & Share

- **QR code sharing**
  - scan QR code to quickly download content to your device

- **E-mail sharing**
  - easily sending your content via e-mail

- **Easy Local Save**
  - save your whiteboard content locally start right where you left last time.

Wireless Projection

- **Easy presentation**
  - PC, smartphone, iPad support
  - via USB dongle, Airplay, Eshare
  - reverse touch support

- **Multiple devices**
  - up to 4-9 split screens

- **Reverse screen cast**
  - cast big screen to personal devices
  - two way touch control & annotate

- **Group screen broadcast**
  - broadcast same content to multiple screen simultaneously

Document Support

- **SoC based (Android)**
  - instant boot & ready

- **Plug & Play**
  - quick presentation
  - direct media playback

Dual System

- **Android 9.0+**
  - quick boot
  - 4G RAM + 32G storage or more
  - runs your favorite apps

- **Windows 10**
  - optional OPS PC module
  - install universal program for education, and more

Android 9.0

Windows 10

Camera & Microphone

- **Built-in camera**
  - super clear output

- **Built-in Array microphones**
  - 6 to 8m voice pick up
  - Auto Gain Control
  - Echo Cancellation

Fingerprint Reader

•**Enhanced security**

   - Supports fingerprint lock to make sure only authorized person can access the device, protecting users' information security.
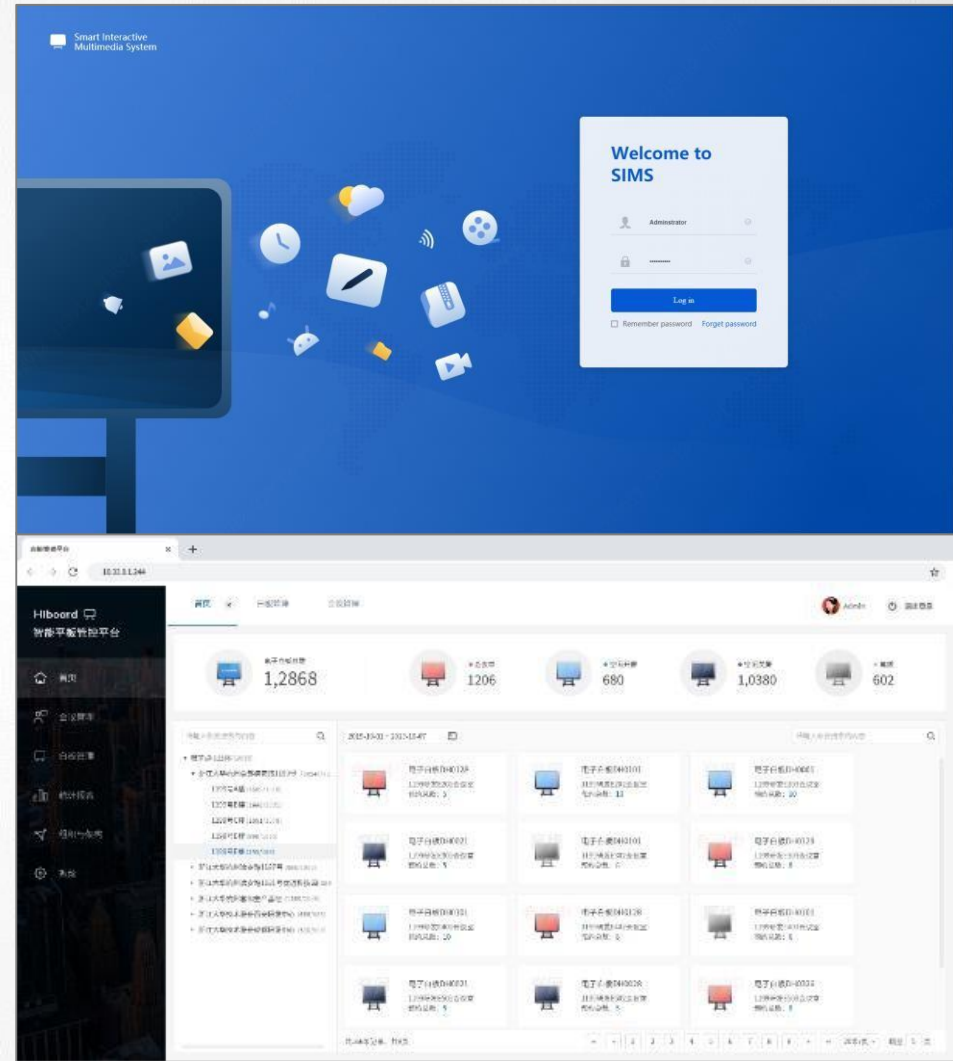
SIMS Software

- **Remote device management**

  - mutiple device status overview

  - screenshot, restart, upgrade and more

- **Meeting room management**

  - meeting booking

  - meeting statistics

Education Software Solution

- **Industry leading E-learning solution**

- **Interactive lessons**

- **Interact between different devices**

- **Remote and hybrid learning**

Budget Friendly

- **Competitive price**
  - all features packed in a good deal
  - reduce customer upgrade cost

- **No compromise to quality**
  - Superb The quality control

- **3year+ Warranty**
  - 3 years standard warranty and optional extension with extra fee

DeepHub
in Classrooms

Classroom

- **Optional Windows OPS module**

  - using mainstream education software

  - comply with Microsoft education solutions

- **Optional Document camera**

  - projecting printed documents

  - show experiment on big screen

- **Optional All-in-One camera**

  - for hybrid learning classrooms with teacher PIP

- **Optional Sliding chalkboard**

  - setting up DeepHub with traditional chalkboard

  -   slide design, hide deephub when using choke board only during class

DeepHub

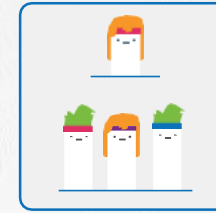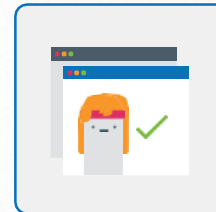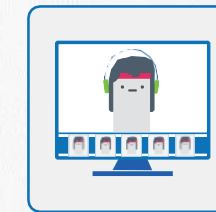## Education Software Solution
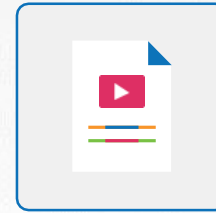
Lesson Content **Student Interact** **Assignment**

Class Management **Hybrid Learning** **Data Analysis**

- OKTOPUS — Lesson content creation & classroom interact
- Mimioconnect — Local + remote hybrid learning

70+ Learning Tools

- **STANDARD TOOLS:** 14 Drawing Tools including pencil, highlighter, shapes, flashlight and line tool. Enter the media gallery and choose from **over 3000 images and animations**. Tools to **capture audio, video** and static images plus an onscreen keyboard.

- **MATH TOOLS:** Includes Numbers Tools, Measurement Tools, Geometry, Graphs and Data & Maths Games. Everything from number lines, grids, fraction generator, two types of calculator, rulers, protractors and compasses, prisms, pyramids, nets, dice, barcharts, function machine.

- **LITERACY TOOLS:** Games such as Word & Sentence Builder, Text Tools, Word Roots, Word Search, Word Vault and Word Scramble.

- **GEOGRAPHY TOOLS:** Weather Data, Map Tools, Google Map Application, Weather Bug, Weather Symbols, and Thermometer.

- **SCIENCE TOOLS:** Study the elements with an interactive Periodic Table. Build molecular structures, create circuit diagrams and display data using the Pyramid Tool.

- **POLLING TOOLS:** Pose questions to the class and get instant feedback from everyone in the room. Vote tools let users gauge levels of understanding, gives everyone a voice and adds excitement to every lesson.

Competitors Comparison of Education Software Solution

COMPARABLES	BOXLIGHT	PROMETHEAN	SMART
CLASSROOM SOFTWARE COMPARED (MAC OR PC)			
	MimioStudio	OKTOPUS	ActivInspire	SMART Notebook
Perpetual	✓	✓	✓	✓
Free Updates	✓	✓	✓	✗
Use on Any Display	✓	✓	Subscription Only	Subscription Only
Local Area Network (LAN) Collaboration	✓	✓	✗	✗
Premade Lessons	✓	✓	✗	✓
Annotation and Interactive Tools	Basic Tools	70+ Tools	Approx. 30 tools	Approx. 30 tools
Lesson Recording	✓	✓	✓	✓
Desktop Overlay	✓	✓	Upgrade	✓
Use SMART Notebook (NATIVELY)	✓	✓	✓	✓
Use Promethean FlipCharts (NATIVELY)	✓	Export to IWB	✓	✗
Export to MimioConnect (Cloud)	✓	Coming Soon	✗	✗
Online Professional Development Course	✓	✓	✓	Upgrade
Supported Language	30+	40+	40+	30+
CLOUD SOLUTIONS COMPARED			
	MimioConnect	Classflow	SMART Online Learning Suite
Premade Lessons	✓	✓	✓
Access Full Premade Courses of Content	✓	✗	✗
Access Course with Pretest & Posttest	✓	✗	✗
Create Lessons Before Class	✓	✓	✓
Import SMART Notebook (NATIVELY)	✓	✓	✓
ActivInspire Flipcharts (NATIVELY)	✓	✓	✗
Import IWB files	✓	✗	✓
Import MimioStudio Files	✓	✗	✗
SSO Google Classroom & Microsoft	✓	✓	✓
LMS Integration & SSO (Canvas, Blackboard, Schoology)	✓	✓	✗
Annotation Tools	✓	✓	✓
Live Sessions: Indicator Student is Off Task	✓	✗	✗
Live Sessions: Teacher Lock Screens	✓	✓	✗
Self-Paced & Assign Lessons	✓	✓	✓
Streaming Video (Students Watch Teachers in Real-Time)	✓	✓	✗
Multimedia Lessons (YouTube, Drive Docs, Audio Files)	✓	✓	✓
Reporting	✓	✓	✓
Online Professional Development	✓	✓	✓
GENERAL			
Laws Governing Parent Entity	USA	China	China

	OKTOPUS	Snowflake	ActivInspire	SMART Notebook
Launch Date	2015	2008	1997	1998
Out-of-the-box 4K canvas	YES	Yes - dedicated graphics only. Intel graphics card not supported.	No - 1024px*768px default	No - 800px*800px default
4K support for Intel HD integrated graphics	YES	No - downscales to FHD/1080p.	Yes	Yes
Optimised interface for 4K resolution	YES	Yes - dedicated graphics only. Intel graphics card not supported.	No - pixilated	No - pixilated
Icon sizes and menus adjusted for high DPI scaling	YES	Yes - dedicated graphics only. Intel graphics card not supported.	No	No
4K content support	YES	Yes - dedicated graphics only. Intel graphics card not supported.	Yes - manually set	No
Perpetual	Yes	Yes	Yes	No
Access to Software Updates	Yes	Yes	Yes	Yes During license period only.
Teaching Tools	70+ subject specific tools. https://qwizdomoktopus.com/user-guide/	Basic tools	Approx. 30 tools.	Approx. 30 tools.
Glass Mode (Desktop Overlay)	Yes - live annotations in 4K.	Yes - with limited toolset.	Yes - in pro version only.	Yes
Reading SMART	YES	NO	Yes	Yes
LAN Collaboration	YES	NO	NO	NO
Games	90+ educational games. Single, double & quad view.	30+ games.	Yes - no quad games.	Yes - no quad games.
US Lesson Content	10,000 US Lessons (Common Core) https://qwizdomoktopus.com/oktopus-lessons/	Lesson community - for ages 3-9.	Classflow lesson community.	Smart Exchange
UK Lesson Content	2000 UK Lessons (CTOUCH only)	Lesson community - for ages 3-9.	Classflow lesson community.	Smart Exchange
In App Tutorial	Yes	No.	No	No
UK Office	YES	NO	Yes	Yes

Qwizdom have provided this information as accurate and complete to the best of their knowledge. Qwizdom assumes no responsibility or liability for any errors or omissions in the content of this document.

Comparison-Boxlight OKTOPUS.pdf   All OKTOPUS v activinspire and snowflake notebook.pdf   OKTOPUS Mimo Snowflake Notebo

Competitor Analysis

Stories from our
Customers

Collaboration

C company is a booming technology corporate. After setting up DeepHub in their public office space, all colleagues enjoy having quick work discussions around DeepHub.

"Setting up a collaboration space with projector, camera & traditional whiteboard in such a crowd place is totally impossible, until we get our The DeepHub. This indeed increased our productivity & creativity."

Customer Engagement

B company is now arranging representatives to interact with customers in their reception room, and presenting their interactive marketing content on The DeepHub.

"Customers are more engaged with our representatives around The DeepHub. Plus, the build quality of the device is also top-notch for public use."

Interactive Classroom

The Smart Education Project of Taixing city has installed 600+ The DeepHubs for 97 schools, upgrading their teaching facilities as well as promoting the concept of active learning.

"Previous teaching methods are limited, and the class lacks interactivity. With The DeepHub, classes are more interesting and students are better involved."