Anyone can attach it easily!

Circle
(horizontal cross-section)

Parabola
(cross-section parallel
to cone side)

Focus

HiClass3D SmartSheet
Paper-based, Electric-free, Rollable SmartBoard

Anti-reflection
Reflectionless surface that does not bother the eyes.

Markers can be used.
You may use dry erase marker.

SmartPen can be used
7 Bluetooth SmartPens can be used simultaneously

It can be installed easily even on an existing whiteboard!

HiClass3D SmartSheet

Paper based, Electric-Free, No Sensor and Rollable SmartBoard.

It is possible to implement an SmartBoard by attaching a SmartSheet to any meeting room, school, or school classroom.

Classroom / Lecture room

Conference room

Auditorium

Private academy / school

- Provides the Matt screen and general whiteboard function.
- You can use an dry erase marker on the SmartSheet.
- Up to 7 pens are connected by default at the same time.
- 3No ⋯ No Power, No EMI, No Heat
- Air-free attachment without bubbles.
- The SmartSheet can be attached to the wallpaper, glass, wood, and general boards.
- When there is a scratch on the SmartSheet or if you used it for a long time, you can easily replace it with a new SmartSheet.
- The SmartSheet is provided in a roll, allowing easy export.
- One roll box contains 3 SmartSheet.
- It solves the problems of transportation and shipping cost.
- You can use SmartSheet as consumables.

How to Install

1 Attach the adhesive Wallpaper-type SmartSheet on a wall or a whiteboard.

Connect a PC or a laptop computer to a projector. **2**

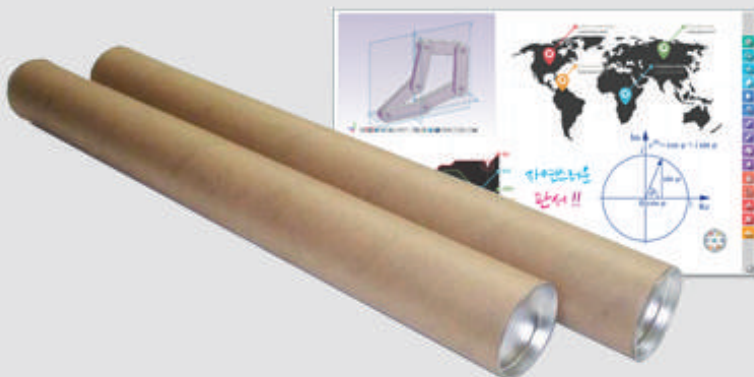**3** Connect the provided SmartPen to a PC or a laptop computer via Bluetooth.

Run the provided HiClass Teaching S/W before use. **4**
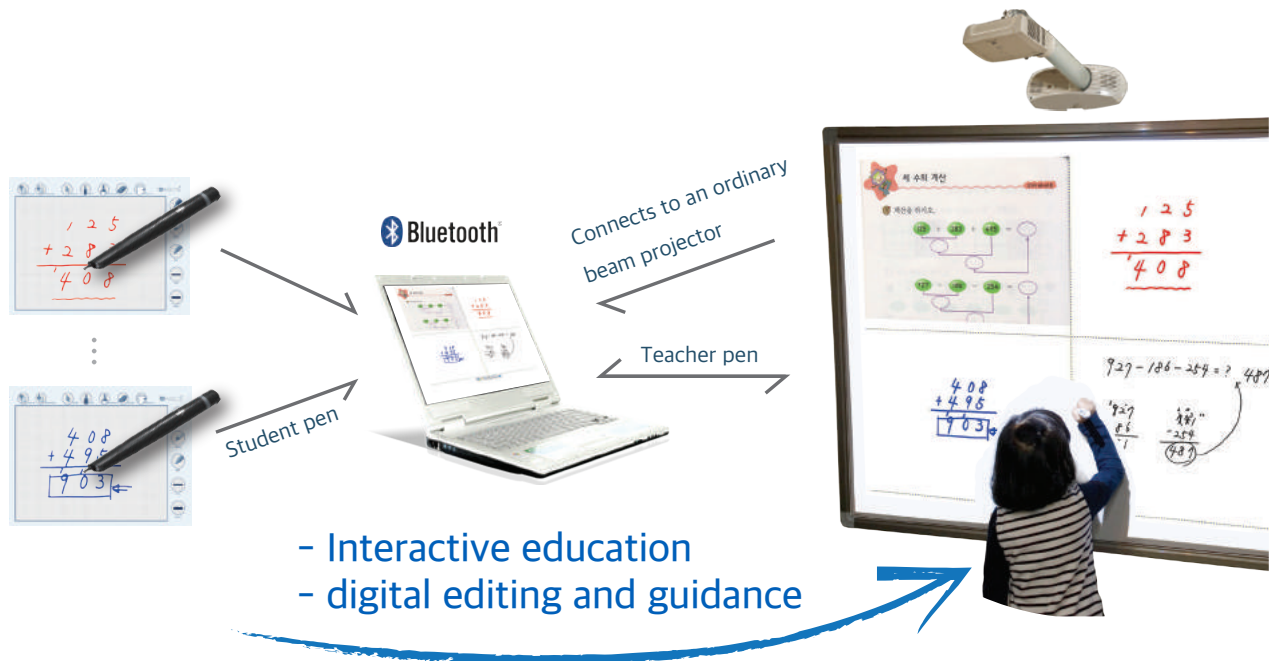
HiClass SmartSheet Installation Guide

HiClass3D

Components

Eco-friendly Case + SmartSheet + 1 Smart Pen+ HiClass SmartTeaching SW + 1 Bluetooth Dongle

It can be used just like an ordinary whiteboard at ordinary times, and for digital data presentations, this multi-functional sheet-based device can be used as a smart electronic whiteboard.
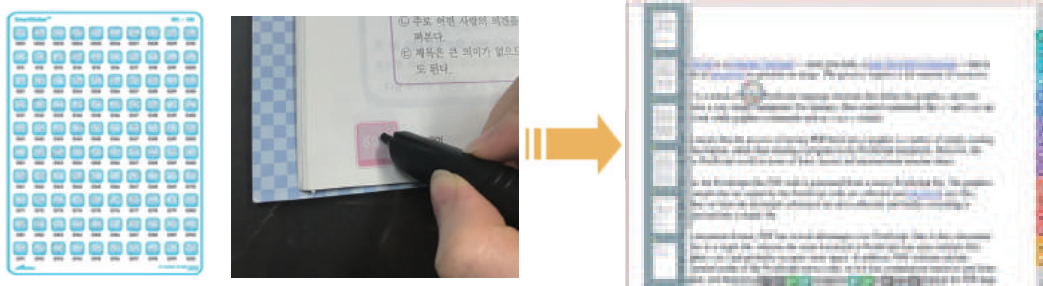
Bluetooth

Connects to an ordinary beam projector

Student pen

Teacher pen

- Interactive education
- digital editing and guidance

As an electronic board

- SmartSheet does not use a sensor and electricity
- Fast writing speed and precision writing
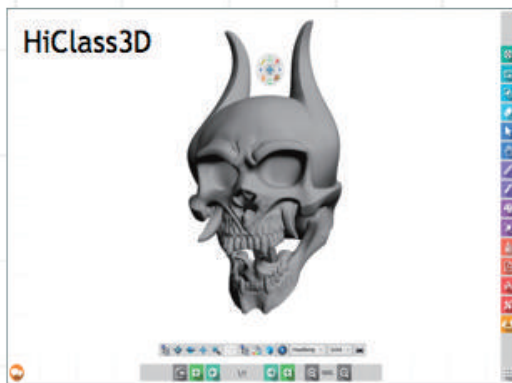- Can use ordinary dry and erase board marker

SmartPen Blue

My answer

14 pens can be used on it simultaneously
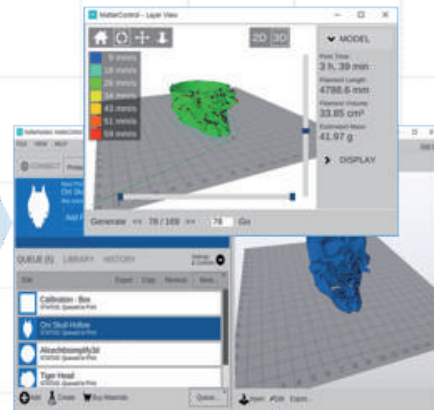
Multimedia class using the teaching material

- Play multimedia on a ordinary text book using SmartSticker.
- A green SmartSticker to display the page you want on HiClass.
- Click the Yellow SmartSticker to execute various multimeida content in the PC.

HiClass3D ... 3D Printing Service in the Classroom
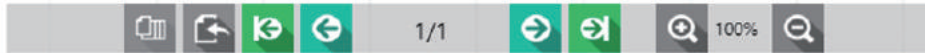
HiClass3D

STL Exporter
3MF Exporter

- Prints 3D Object On the PDF Document
- Supports Windows 10 3mf
- Supports G-Code 3D Printer
- CURA Slicing, Repair
- Printing Time, Fillament requirement...
- Wireless 3D Printing Gateway
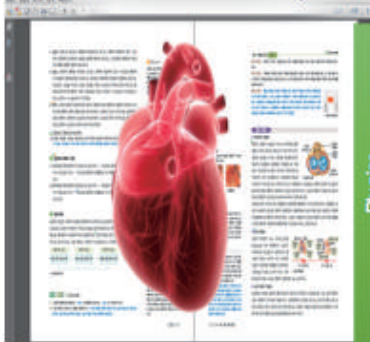
M3DP Project
Easy3D 3mf Gateway

ETRI M3DP Project
Wireless
3D Print Gateway

1/1   100%

3D rendering, Authoring and Conversion

Integrated Content Authoring Tools

Plugins
- Tangible Content Authoring Tool
- Immersive Content Authoring Tool
- Writing-based Authoring Tool
- 3D Teaching Material Creation Tool
- Extract and Convert 3D Objects
- Printing 3D Objects
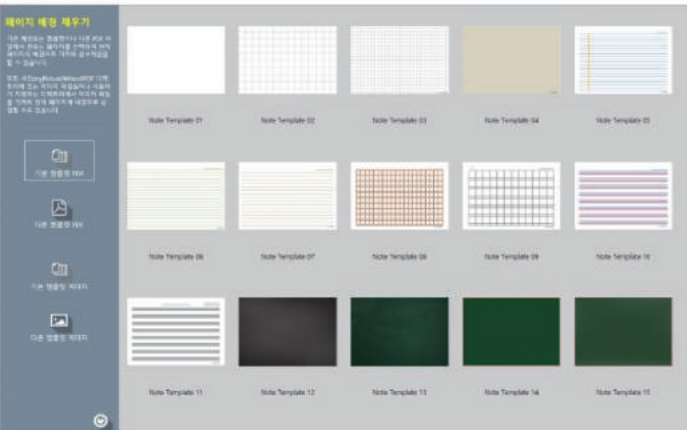
SmartPen and paper technology

- SmartPen : Optical position recognition
- Super-wide screen
- Supports dual-touch (pen and hand touch)
- Mass production of SmartSheet
- Printing patterns and learning content together

Various content creation technology

- PDF 3D rendering technology (U3D, PRC)
- Supports SmartBoard, SmartPen, and SmartPad.
- Supports Asymptote 3D mathematics.
- Supports various board templates.
- Supports various figures and 3D models
- Creates and saves PDF files containing all types of content.
- Creates various teaching materials such as paper textbook,
  A4 sheets, and photos using the smartphone DicaScan.

Various learning support technology

- Supports up to 35 SmartPens
- Simultaneous connection of up to 35 SmartPads
- Cooperative learning between classrooms
- Object data synchronization technology
- IoT-based TextChat, InkChat, and VoiceChat
- PDF engine support in Windows, Android, and iOS
- PDF3D engine support in Windows, Android, and iOS

PWB - 92S / PWB - 150S

Specification

> Size : 2000mm x 1200mm / 3600m x 1200mm

> Surface material : Matte PET

> Glossmeter (GU) : 30 or less

> Use of board markers : Liquid ink markers can be used

> Thickness : 0.3mm (including the protective sheet)

> Adhesion method : Air-free

> Weight : 1kg or less

> color : White or light green

> Power supply : N/A

> warranty period : 1 year

Product Name	SmartPen Blue(PB-300)
Size (mm)	160(L) X 17.3(H) X 16(W)
Data communication standard	Bluetooth real-time communication
Wireless communication distance	10 meters or less
Duration	6 hours
Battery type	3.7V lithium polymer batteries (rechargeable)
Recharging time	Within 2 hours (USB)
Recognition method	Pattern recognition via camera sensors
Resolution	600dpi (for precise writing)
Response rate	11msec
Recognition rate	99%
Angle of use	Upper/lower: 40 to 120 degrees

Product Name	SmartSheet(PWB- 92W / 150W)
Size (mm)	2000mm x 1200mm / 3600mm x 1200mm USD990 / USD1,390
Surface	PET (Matte coating)
Glossmeter	30 or under (meeting the criteria for whiteboards)
Ordinary whiteboard functions	Dry erase board markers can be used
Thickness	0.3mm
Adhesion type:	Air-free
Weight	1Kg or less
Color	White or light green
Power supply	N/A
Warranty period	1 year

Customizable in a variety of sizes

Installation Examples

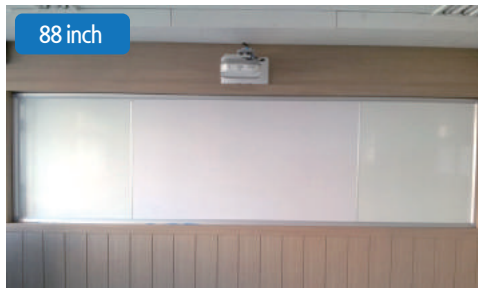100 inch

Daejeon Songgang Middle School

150 inch

Sinsong Middle School in Incheon

88 inch

Bongeui High School in Gangwon-do

88 inch

Sinsong High School in Incheon

210 inch

Hanmin Academy in Paju
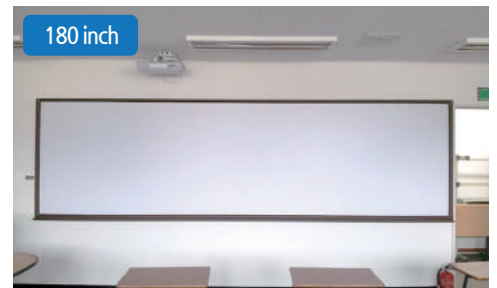
88 inch

Sema High School in Osan

100 inch

Incheon Science High School

88 inch

Soyang Middle School in Jeollabuk-do

180 inch

Gyeonggi Academy of Foreign Languages

150 inch

Doksan High School in Seoul

88 inch

YoungShin Middle School in Daegu

180 inch

Kyunggi High School in Seoul

88 inch

Suncheon Maesan Middle School
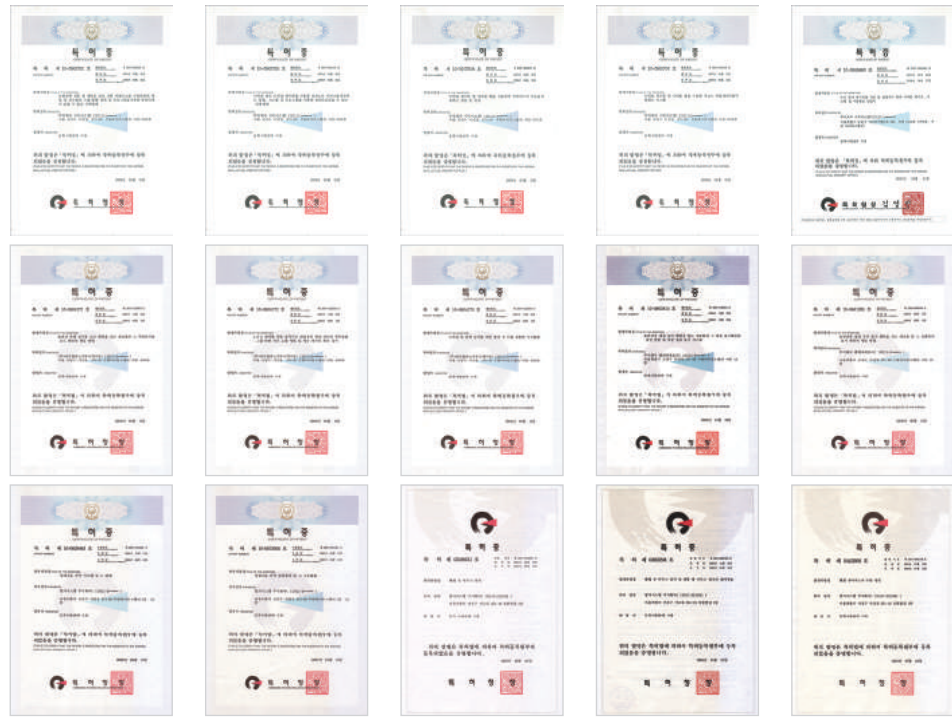
150 inch

Incheon Girls' High School

100 inch

Bosung Girls' High School in Seoul

Patents

100%Proprietary
Patented
Technologies

Awards and Certifications

Jang Young Shil Award	Best prize for outstanding e-learning companies	New technology certification	Research center certification	KCC certificate
CE approval	MIC certificate	FCC approval	TELEC approval	Bluetooth device certification

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