

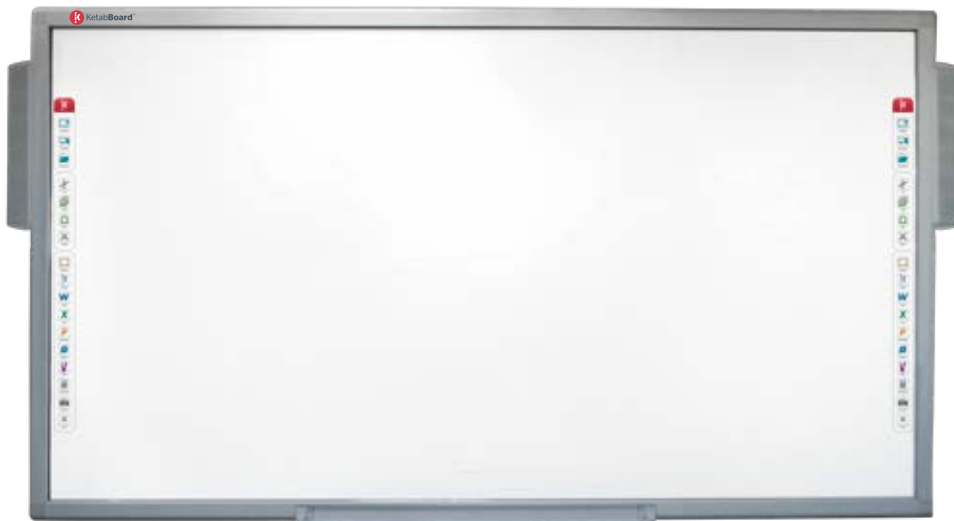
102"

# The Best Dual-Touch Technology For Interactive Classrooms



Doc# KTD01-KB102-1.00

Please read safety instructions in User's Guide before using this product. Specifications and images are subject to change without notice.



KetabBoard was designed by the efforts of expert team composed of specialists and developers. With an ergonomic interface, it combines the simplicity of traditional teaching tools with the advantages provided by the most advanced teaching technologies available.

## Key Features

**Two Multifunction Touch Toolbars**  
16 function buttons (hotkeys) of the most common computer functions to be easily accessible by users.

**Plug-and-Play**  
The KetabBoard system with standard built-in USB port allows easy connection to computers.

**Ceramic Enamel Steel Surface**  
Ceramic enamel steel surface is the industry's premiere ecologically intelligent whiteboard writing and projection surface.

**True Dual-Touch Detection**  
The KetabBoard system enables up to two users to work together on the interactive whiteboard using their fingers or stylus pens. This truly dual-touch whiteboard requires no separate multi-user mode setting.

**Finger, Pen, Pointer Touch**  
Users can write, draw and move objects with a finger, pen or pointer.

**Low Power Consumption**  
Obtains power from the computer through USB cable with very low power consumption and no need for external power supply.



Ketabtech

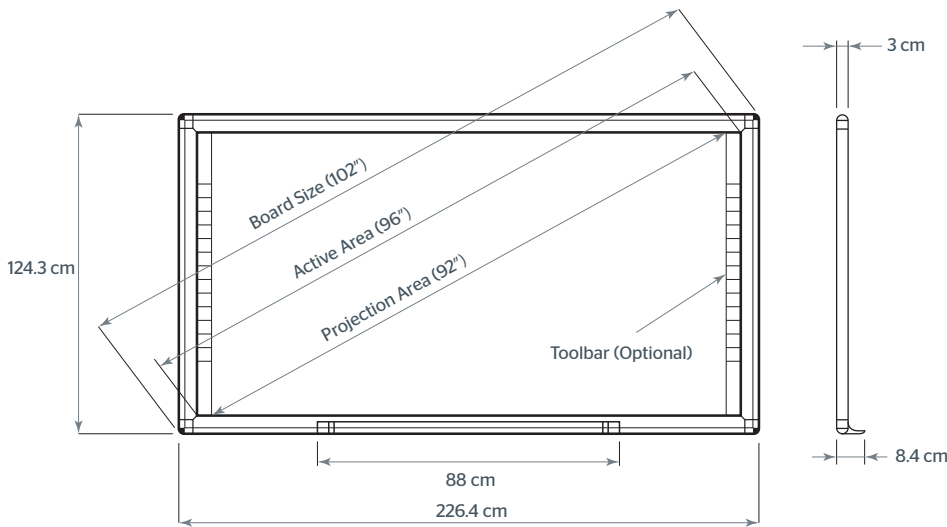
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## Technology

### Scanning IR (Infrared) LED Optical

KetabBoard is based on scanning IR LED technology which uses a combination of IR LEDs and photo transistors that are aligned in pairs around the active surface. These pairs of LEDs and photo transistors cast a grid over this surface. When the surface is touched, the beam of infrared light between the LEDs and the photo transistors is interrupted at the point of touch. This position is converted into an 'X' and 'Y' coordinates which the computer then converts into a touch position.

## Surface

### Ceramic Enamel Steel Writing And Projection

Delivering exceptional quality and durability, combined with environmental responsibility, ceramic enamel steel surface is the first and only surface to achieve Cradle to Cradle™ Silver certification. This surface is produced by means of an ISO 9001 and ISO 14001 controlled.

## Accessories



Pen Tray, Stylus Pen, 6 meter USB Cable (Included)



2 Speakers 20W, Amplifier, Audio Cable (Optional)

Ordering code: KTSPKR20W

## Specifications

Model No.	KTIWB102D
Ordering Code	KTIWB102D-LG
Technology	Scanning IR LED
Interface to Computer	USB 2.0
Response Time	6 ms Note: Response time can be 6 ms to 12 ms depending on PC specifications
Input Method	Finger, Pen, Pointer
Finger Touch Accuracy	± 1 mm
Dimensions	102 Inches (Diagonal) 226.4 cm (W) X 124.3 cm (H) X 3 cm (D)
Active Area	96 Inches (Diagonal) 215.8 cm (W) X 113.7 cm (H)
Projection Area	92 Inches (Diagonal) 205.8 cm (W) X 113.7 cm (H)
Aspect Ratio	16:9
Screen Resolution	12800 (W) X 9600 (H)
Projection and Writing Surface	Low gloss (LG) Ceramic Enamel Steel
Power Consumption	5V USB power supply Maximum operating current 250 mA
Operating Temperature	5 to 35 degree C.
Storage Temperature	-40 to 50 degree C.
Storage Humidity	Up to 80% non-condensing
Certificates	FCC, CE, RoHS
Supported Operating Systems	Windows 7 32/64-bit Windows 8 32/64-bit
Warranty	Refer to Ketab warranty terms

## Advantages:



## Ketab Studio 4 Software is included with every KetabBoard:

- 1- Measurement tools
- 2- Export/Import files
- 3- Capture tools
- 4- View modes
- 5- Object tools
- 6- Text tools
- 7- Utilities

[www.ketabstudio.com](http://www.ketabstudio.com)