

PNF Portable Interactive Whiteboard System

uBoard – The Most Practical System for Interactivity.



Wherever you take it,
you are ready for INTERACTIVE

uBoard Overview | Portable Interactive Whiteboard

Transforms any flat surface to Interactive workspace instantly.

👉 High **PERFORMANCE**

👉 Best **QUALITY**

👉 Rich **FUNCTIONS**

👉 Excellent **USER CONVENIENCE**

👉 at Very **REASONABLE PRICE**



uBoard Core Values

TECHNOLOGIES



uBoard is technology enabled device using 22 PATENTS /PATENTS pending

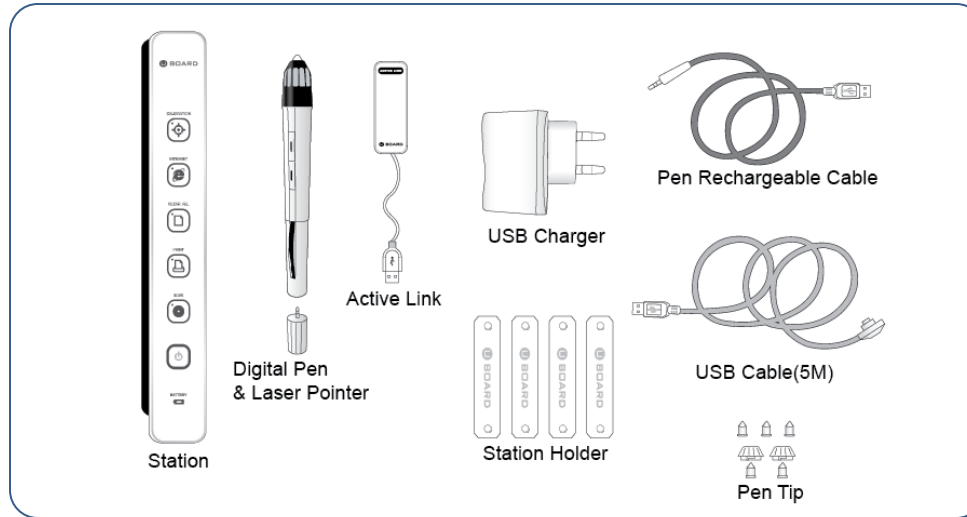
for

- Pen Structure
- Pen tip cylinder
- Station
- Application

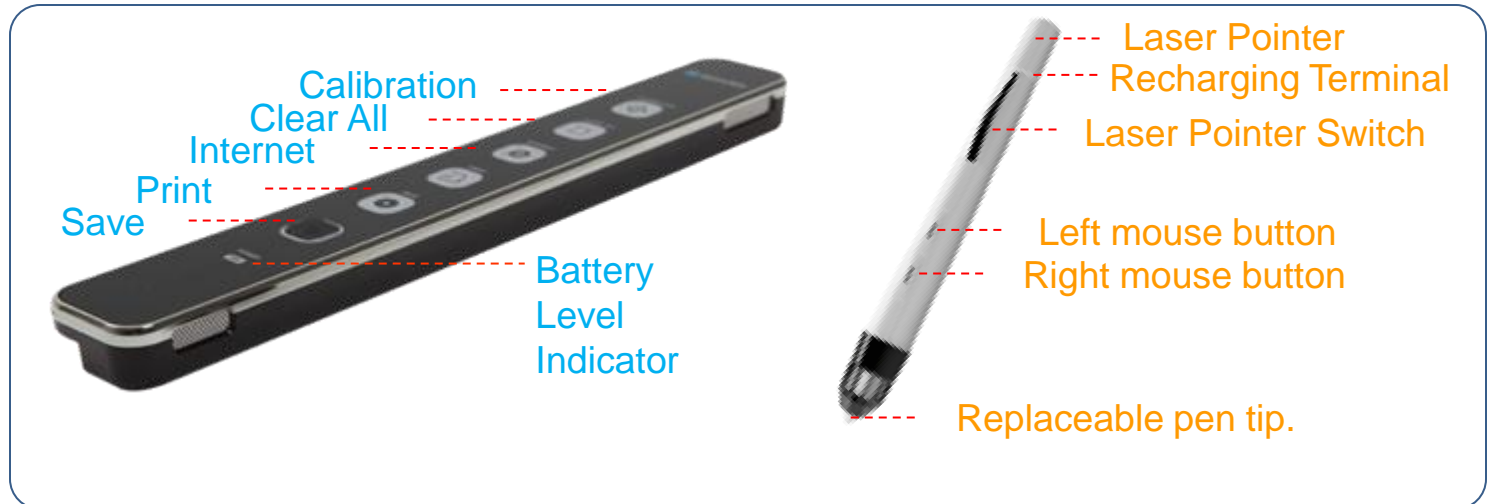


MATHEMATICS
 ELECTRONICS
 ENGINEERING
 COMPUTERING

COMPONENTS



SLIM & STYLISH
ULTRA-LIGHT WEIGHT

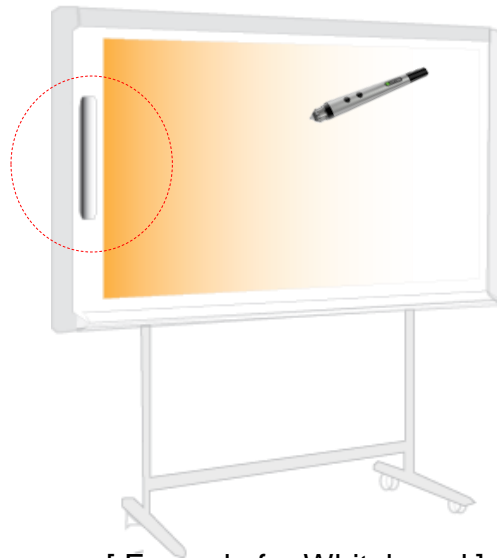


CONFIGURATION

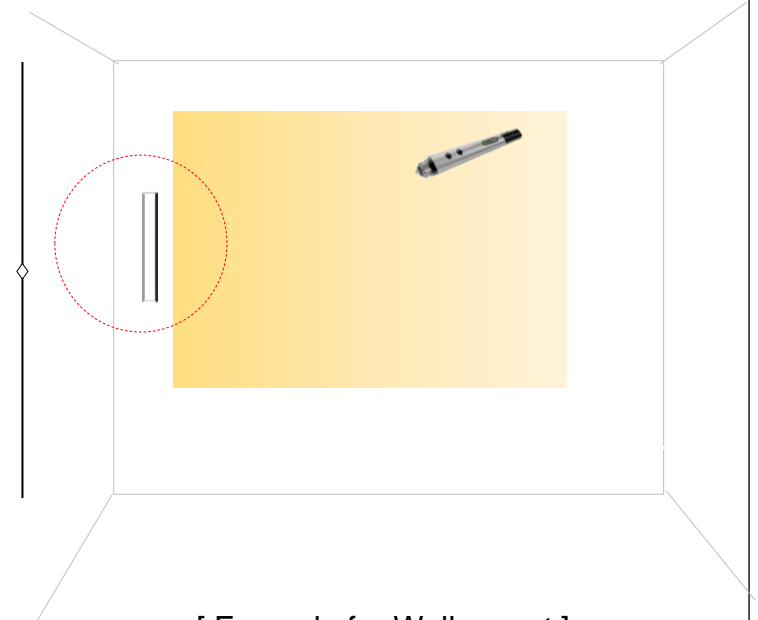
Enables ANY flat surface
to be INTERACTIVE SPACE up to 120 inches



MULTIPLE CONFIGURATION



[Example for Whiteboard]

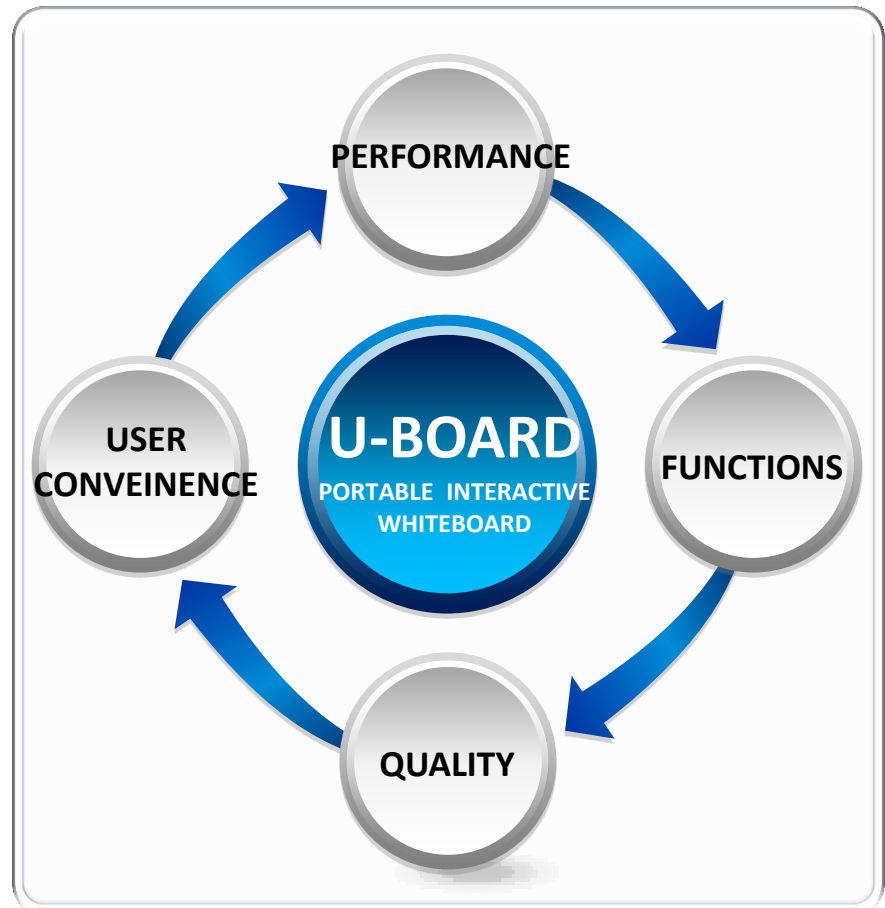


[Example for Wall mount]

uBoard Advantages | Portable Interactive Whiteboard

It is the most practical Interactive W/B system w/ fully committing :

- ➔ **PERFORMANCE**
- ➔ **FUNCTIONS**
- ➔ **QUALITY**
- ➔ **USER CONVENIENCE**
- ➔ **and PRICE**



PERFORMANCE



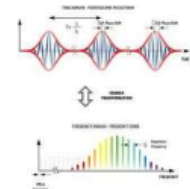
● Fast Inking Speed

- ◆ Adopting dedicated CHIPSET for signal processing
 - MCU core
 - 32bit Ultrasonic digitizing processor
 - Flash memory
 - 2 stage OP-AMP
 - Comparator
- ◆ No requires main CPU overload.
- ◆ Fast pen response



● High resolution

- ◆ Resolution supported by uBoard : 6,500 x 6,500 Pixels.
- ◆ Effective resolution depending on Screen size.
- ◆ Sensitivity for Pen movement : 0.41mm



FUNCTIONS



● Hardware

- ◆ Supports 120 inches Practical working space
- ◆ Hovering feature :
 - Operating in the air
 - Very useful for window exit or minimize it.
- ◆ Easy access buttons :
 - Calibration, Clear all, Internet, Save, Print



● Software

- ◆ Basic functions
 - Pen mode ↔ Mouse mode
 - Pen Types, Eraser, Line weight, Color, Figures, Geometrics diagram
 - Screen add/delete/captures, Virtual keyboard, Object position change
- ◆ Value added functions
 - Compass, Spot lights, Curtain hiding, Image Gallery
 - Contents recording, Screen mode change
 - Administrator (Saving, printing, Calibration)



WRITING QUALITY

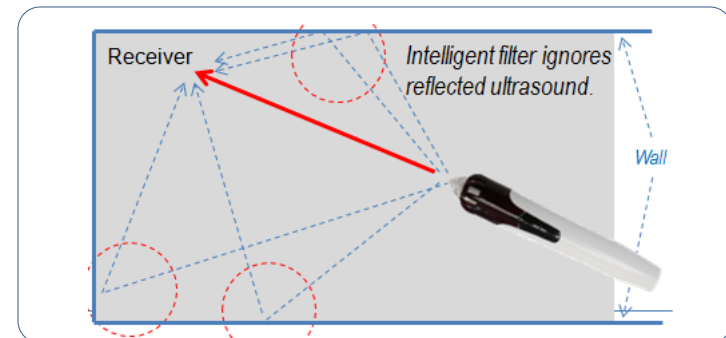
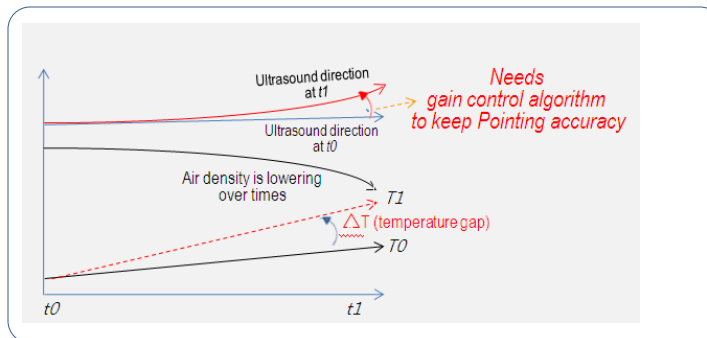


● Less affected by Environmental parameters

- ◆ Applied “State-of- the Art” Noise filtering Gain control Algorithm
- ◆ Compensating algorithm for bumpy or skewed surface of Screen

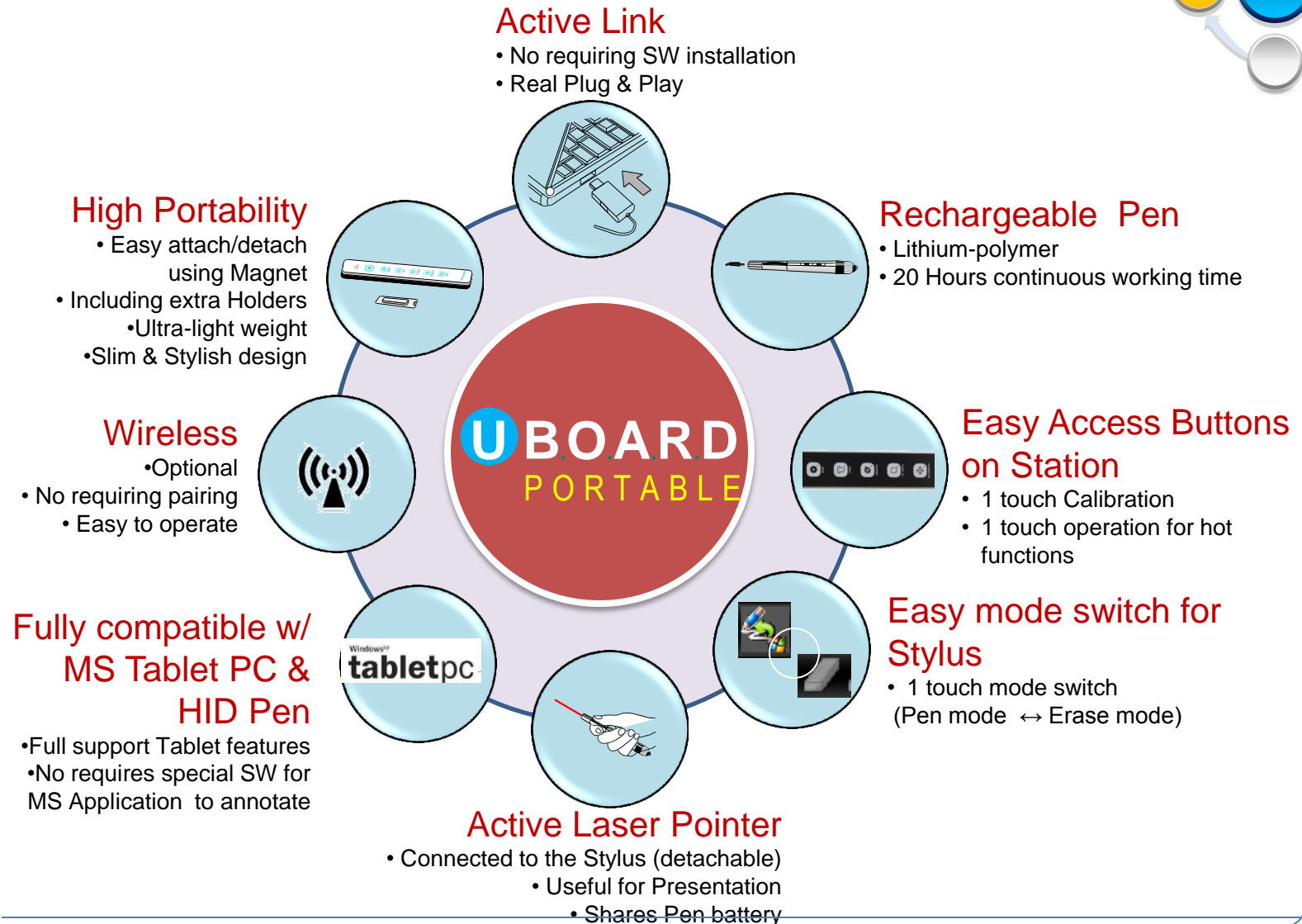
● Smooth writing

- ◆ Applied Virtual pressure technology (Patented technology)
- ◆ Tracing position(x,y coordinates) of the stylus 40 times/sec
- ◆ Applied Anti-alias algorithm



Portable Interactive Whiteboard

uBoard - USER CONVENIENCE





uBoard

It makes INTERACTIVE without limitations

sales@penandfree.com