



# Acer SmartPen2 Product Brief

2013 Oct



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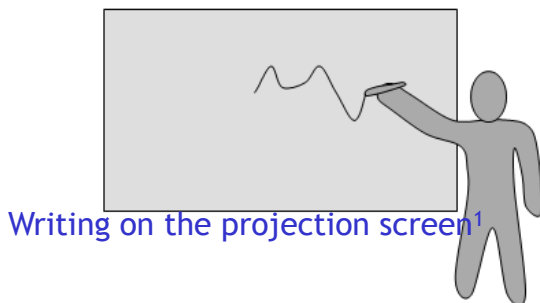
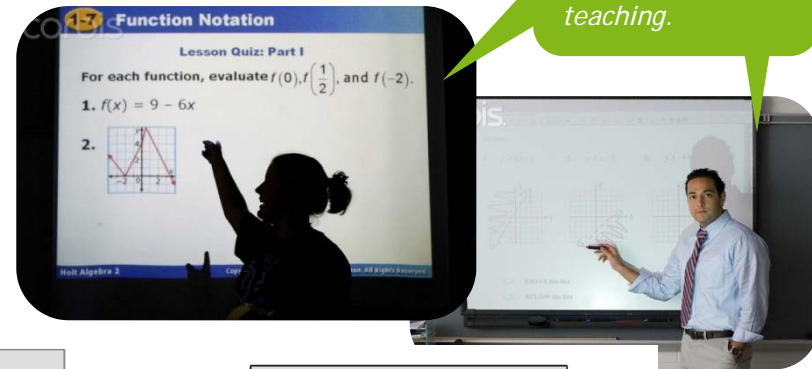
# Product Highlights

PointBlank (PB) is an interactive system to point or drag by Acer SmartPen on a screen. PointBlank system runs with a computer with USB mouse capability, a PointBlank enabled DLP® projector and Acer SmartPen2.

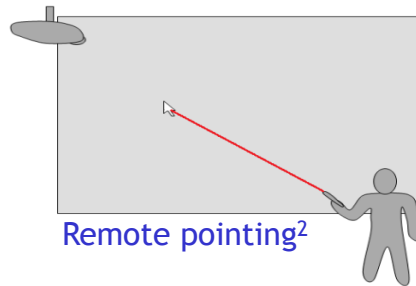
## Advantages:

- PointBlank is a cost saving solution, comparing to traditional interactive white board + projector
- No projection size limitation
- Remote writing/painting capability (across the room)
- High pointing accuracy
- Exchangeable nib
- 3x speed faster than the last SmartPen
- Allow dual users

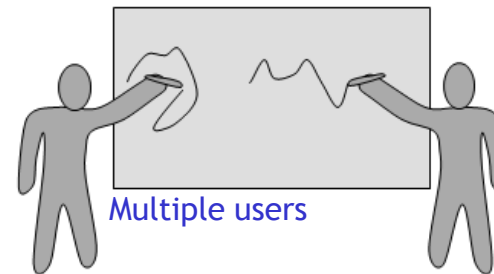
*Acer SmartPen2 is an advanced, intuitive tool for teaching.*



Writing on the projection screen<sup>1</sup>



Remote pointing<sup>2</sup>



Multiple users

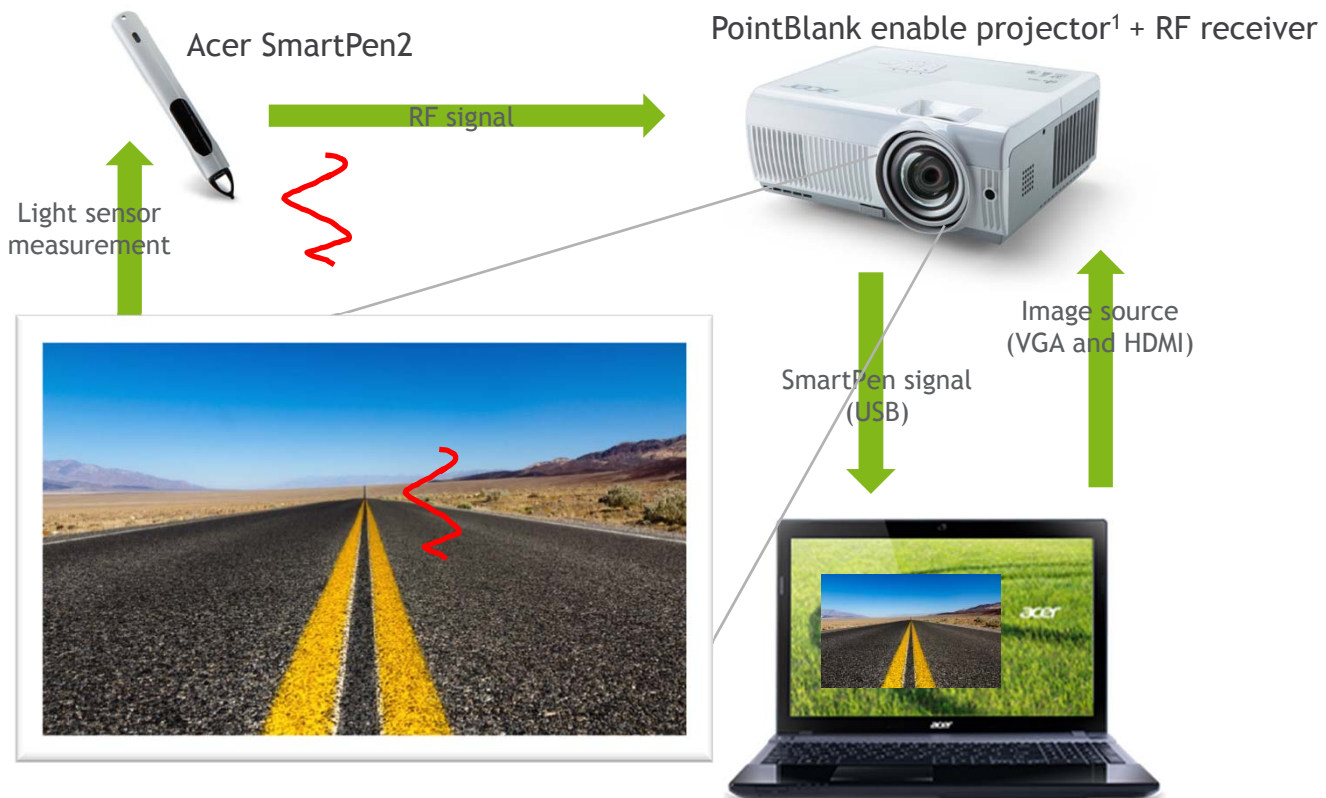
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<sup>1</sup> Available on hard surface

<sup>2</sup> Max. distance 5M

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# PointBlank System & Acer SmartPen2



<sup>1</sup> U5313W, S1213Hne

# Acer SmartPen2 Benefits

**Acer SmartPen 2**

data RF  
HID RF/BT  
VGA

**Acer SmartPen 2**

- Sync with the projector directly via RF for intuitive writing/drawing on the projection screen
- Projector sends back signals via USB cable for real time projection

**Interactive Digital Whiteboard**

RF/EM  
VGA  
data, USB

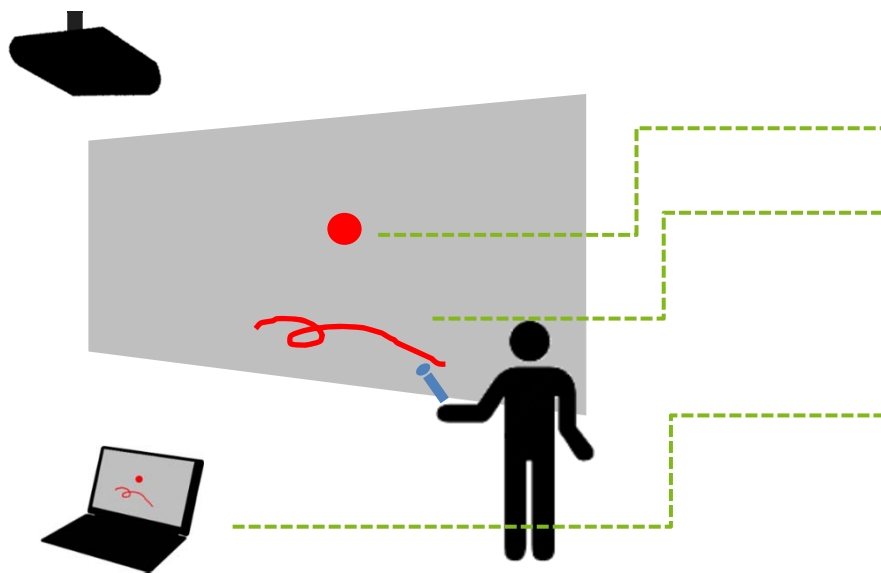
**Digital Whiteboard Frame**

- Standalone frame with input/output like a second device.
- Whiteboard needs space

**EM stylus**

- Signal response depends on technical performance
- Poor accuracy

# Acer SmartPen2 Benefits



	Acer SmartPen2	Digital Whiteboard
Distant pointing	O	X
On screen free-writing	O	O
Accuracy	O	Δ
Physical feedback	O	O
Annotation write-back	O	O
Cost	\$	\$\$\$
Standalone Frame	X	O
Projection Size	70"~100"	77/87" Fixed

# Acer SmartPen Generation Comparison

Generation	Acer SmartPen	Acer SmartPen2
Multi-users	N	Two
Latency <sup>1</sup>	~100 ms	<b>-60 ms</b>
Fluency	Poor	<b>Good</b>
Accuracy @ 77" XGA	+/-3 mm <sup>2</sup>	<b>+/-3 mm (Central tip)</b>
Calibration	NA	NA
Changeable nib	NA	<b>Yes</b>
Way to hold	NA	<b>Yes</b>
Screen Size	70"-100"	70"-100"
Projector flexibility	Built In	<b>Optional</b>
Weight	85g	<b>65g</b>
Cost <sup>3</sup>	Good	Excellent

<sup>1</sup> Time difference between pointing and projection

<sup>2</sup> Performance may vary depending on pointing angle

<sup>3</sup> Comparing to traditional digital white board solution

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## Acer SmartPen2 Specs

Screen size	70"-100"
Operation distance	0-9 M (best performance is 4m)
Projector brightness	3000-4000 lms
ASIC	DDP4421
Source	VGA, HDMI
OS	Win XP(32/64bit), Win7(32/64bit), Win8 Mac iOS 10.5, 10.6, 10.7
Operating temp.	5-45°C
Operation time	25hrs non-stop use
SmartPen kit	PB pen x 1 RF module x 1 5m mini USB cable (PC to projector) 2m mini USB cable (for pen charger) Nib x 4 Tutorial CD Quick setup guide





Thank you

