Interactive Smart Pen(PCAP)HV-P0201 specification

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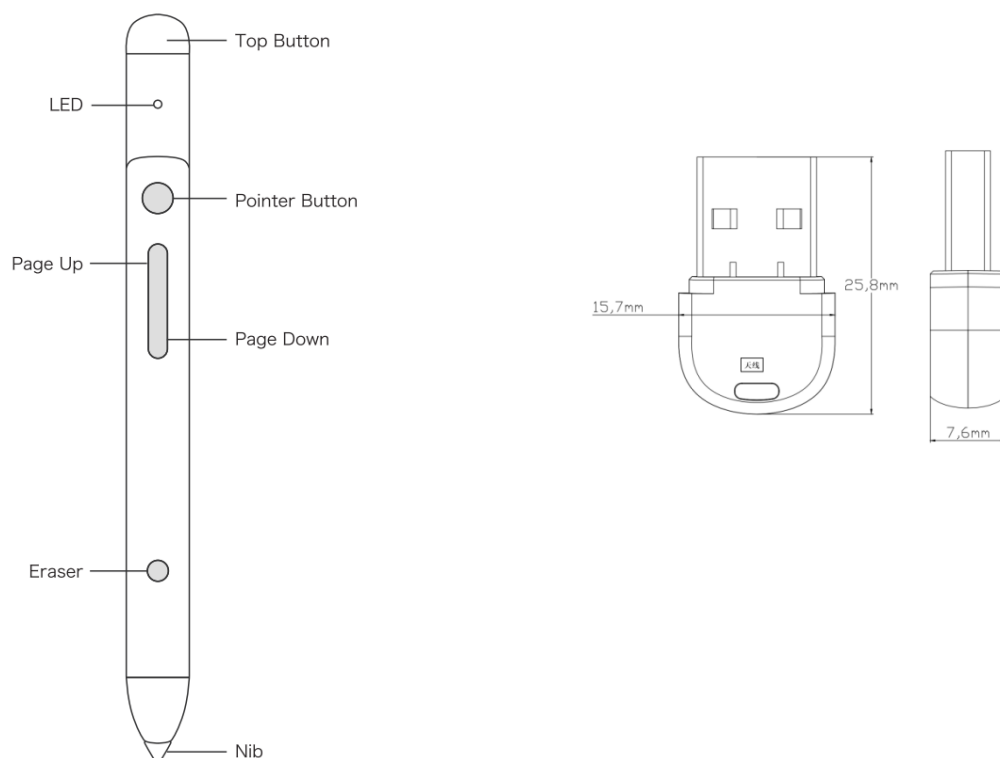
一、Outline

   Active IR Smart Penis widely used in various brands of infrared touch
screen. This smart pen supports 4096-level pressure-sensing writing and
motion-sensing instructions on screen pages, etc., and is widely used in
education, training, conferences and other multi-person interactive
scenes.

二、Product configuration

	Name	Specification of goods
1.	Active IR Smart Pen	Model:HV-P0201
2.	Cap of a Pen	/
3.	Wireless receiver	USB HID Model:

三、Brief Introduction

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四、Product functions

1、Pen（P2R-UWA)and Wireless receiver（P2R‑UTA）together ，infrared pressure sensing intelligent pen to make the pen connect with the computer terminal and work.

2、Steps for usage:

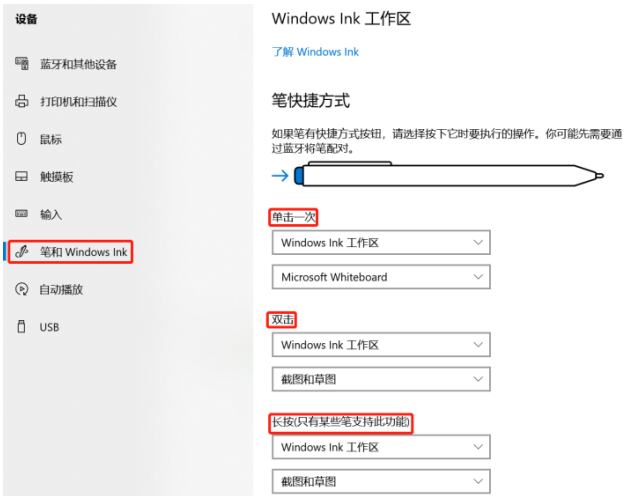① Download the fixed connection software on the computer

 Link: www.skizze.cn

②Plug the connector into the USB port of the computer

③Click Top Button to power it up,Pen body Hall sensor automatic recognition, pen and USB receiver automatic connection,The lights on the connector and the infrared pressure sensing smart pen turn green, indicating that the connector and the pen have been connected.

④When the light turns green, the name of the pen will appear on the computer, indicating that the connector and the pen are connected successfully and the pen can work on the computer

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五、 Function Description

Name	Function		
On	Automatic recognition by Hall sensor of pen body		
shortcut key	default setting	Click: Open InkPage	
		Double click: screenshot annotation	
		Long press: return to desktop	
	user-defined Settings		
Somatosensory pointer key	Long press to call up the laser red dot, spotlight, magnifying glass, and mouse functions		
Turn page	Previous page key	Click: page up	
		Press	Play PPT
			Blank screen
			Custom
	Next page key	Click: page down	
		Press	Exit PPT playback
			Black screen
			User definition
Color change key/rubber key	Click: Switch the handwriting color (InkPage, Windows10 Office PPT, Windows10 WPS PPT or customer development software support this function)		

	Long press: eraser
Nib pressure sensing levels	4096
charging method	USB Type-C

六、Basic parameters

item	Barameters
Amount of material	Plastic parts of pen body: PC+ABS
	Metal parts of pen body: aluminum
	Tip: POM
Initial driving pressure of the nib	＜10g
Maximum nib pressure identification range	350~400g
The power supply mode	Li-on battery 120mAh/3.7V
Wireless effective range	≤6m
Average time of use	About two weeks
USB charging Type - C	5V/110mA
The operating system	Windows7 SP1、Android6.0
certification	SRRC, CE, FCC, ROHS

七、Environmental parameters

item		Barameters
Temperature range	Storage temperature	-20~45℃
	Working temperature	0~45℃
Metal Penholder Salt Spray Test (24h)		GB/T10125-1997
Battery life cycle		500 times, battery capacity ≥80%
Drop test		Fall height: 110cm, marble floor ↑↓←→↖↗

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Operation life of key	Test 300,000 times
The number of wear-resistant nibs	Wear times: 100,000 times, wear ≤1mm. Test requirements: Frosted glass (roughness 1.0), test force 500g, round trip 10cm

八、safety information

Please read the safety precautions carefully before using the smart pen:

△

！Do not attempt repairs

Please do not attempt to disassemble, repair, change the product accessories, in order to prevent dangerous to you. If after-sales maintenance personnel

If the smart pen is found to be damaged (such as disassembly or damage), your product will lose its warranty.

△

！ Away from children

The smart pen contains small structural parts. Please keep the smart pen away from children to avoid choking and others
Danger of personal injury.

△

！ clean

Use a damp cloth to clean the outside of the smart pen. Please avoid using aerosols, solvents, grinding fluid and other charging contact
Points.

△

！ Battery

Smart pen contains sensitive electronic components, such as batteries, if accidentally dropped, squeezed and contact with liquid, can

It can damage or cause personal injury.

The smart pen device cannot be disassembled, and please do not replace the battery by yourself, which may cause overheating or personal injury. The battery is more
Change by the designated after-sales service personnel to complete.

△！ The operating environment

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Do not use the smart pen in humid, dusty or near the magnetic field, in order to avoid pen failure.
Please store the smart pen at -20℃ ~ 40℃, the environment is too high or too low may cause equipment failure.
Do not place the pen near fire or heat sources, such as electric heaters, water heaters, candles and other places that are prone to high temperature Place.

九、 Matters needing attention and instructions for environmental protection

According to Chinese electronic industry standard SJ/T 11364-2014 and relevant Chinese government regulations. This product and its

Some internal or external components may carry an environmentally friendly expiry date label. Depends on components and component manufacturing

The expiration mark on the product and its components may differ. An expiry date on a component identifies an advantage

Prior to any conflicting or different environmental life label on the product.

   indicates that the content of the hazardous substance in all homogeneous materials of the part is within the limits specified by GB/T 26572

The quantity requirements are as follows.

   indicates that the content of the hazardous substance in at least one homogeneous material of the part is in GB/T 26572-2011

The stipulated limit requirements, in line with the EU ROHS directive environmental protection requirements.

FCC Warning Statement

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This equipment has been tested and found to

comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

－－ Reorient or relocate the receiving antenna.

－－ Increase the separation between the equipment and receiver.

－－Connect the equipment into an outlet on a circuit different from that to which the receiver is

connected.

－－ Consult the dealer or an experienced radio/TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the following

two conditions: (1) This device may not cause harmful interference, and

(2) this device must accept any interference received, including interference that may

cause undesired operation.

The device has been evaluated to meet general RF exposure requirement.