



PJ-vTouch-10S, an interactive whiteboard module compatible with ViewSonic LightStream® short-throw projectors*, offers educators an easy-to-use interactive projection solution. This USB powered module attaches easily to projectors and screens. With advanced laser curtain technology and auto-touch calibration, PJ-vTouch-10S provides intuitive multi-touch capability. Support for up to 10 multi-touch users allows multiple students and/or instructors to work collaboratively in the classroom using their fingers or the included IR stylus. The bundled annotation software lets users write and draw on projected images, including office files and web pages. Teachers can also record their annotation steps and save these to share with students. Much more than a teaching aid, PJ-vTouch-10S immerses students in the learning process while enhancing interactivity and efficiency in the classroom environment.

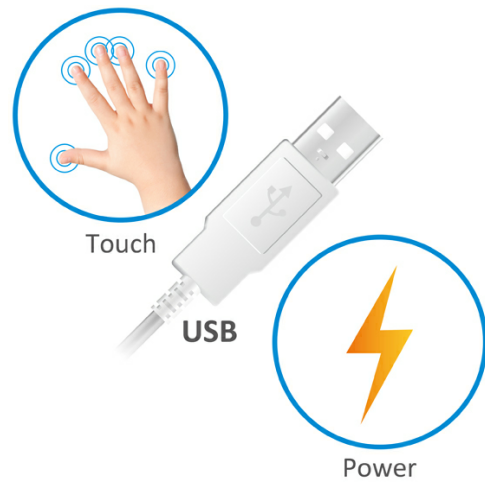
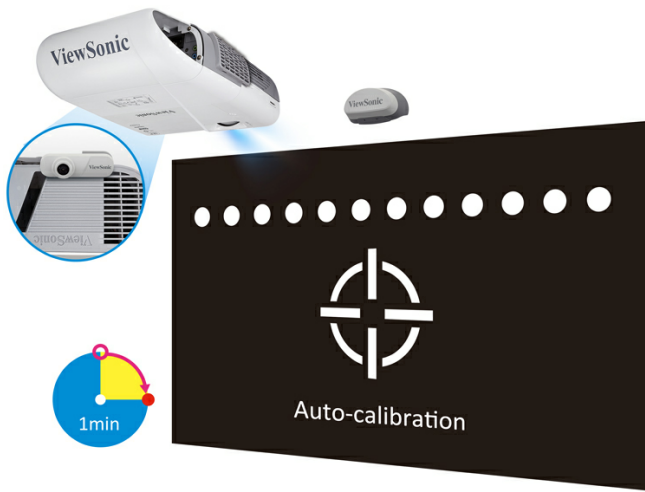
* Optional bundled with LightStream® short throw projector: PJD5353LS, PJD5553LWS, PJD6352LS, PJD6552LWS

Fast and Easy Setup with Auto-calibration

Attach PJ-vTouch-10S directly to the front of the projector and screen, connect to laptop, and auto-calibration quickly prepares interactive teaching session.

Convenient USB Connectivity

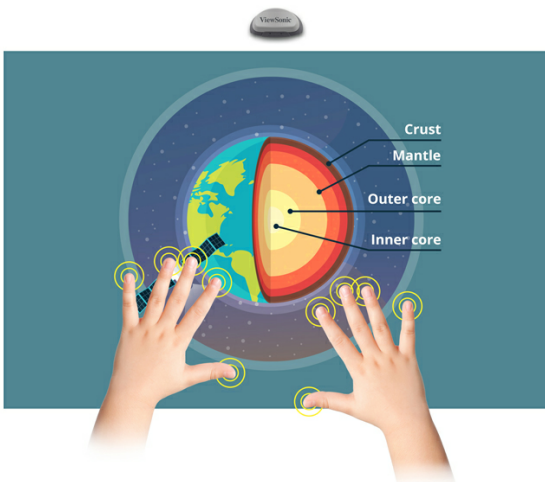
Flexible to use. Connect the USB cable from the PJ-vTouch-10S to any available USB port on the laptop, and USB can also be the PJ-vTouch-10S power supply.



10-point Touch Collaboration

PJ-vTouch-10S supports up to 10-point touch interactivity simultaneously, multiple students can work together at the screen with fingers or touch pen*.

*3 minutes touch pen charging for 2 hours use



Wide Laser Detection

Newly laser curtain technology with up to 180 degree detection can scan wider touch location and with visible IR for adjustment easily. This allows teacher invite students up to the screen to annotate.



Rich Annotation Tool

The bundled annotation software provides the ability to write, draw on top of any projected images, including office files and web pages. For more diversify teaching content, teacher can integrate with internet multimedia directly, or use PC/NB camera function for real-time display. All the annotation teaching process can be recorded and shared with students.

Go Interactive with LightStream® Short Throw Projector

Upgrade ViewSonic LightStream® short throw projector* with the PJ-vTouch-10S to create an interactive and engagement class.

*Compatible with PJD5353LS, PJD5553LWS, PJD6352LS, PJD6552LWS



Technical Specifications

System requirement	PC	Windows (7, 8, 8.1) and above
	MAC	Mac OSX (till Yosemite) and above
Camera Module	Processor	CYPRESS / CY7C68013_QFN 56PINS
	CMOS Digital Image Sensor	ON Semiconductor / MT9V034 _CLCC 48PINS
	Output resolution	752 x 480
	Frame Rate	60 fps/sec
	Optical Lens	1/3.2 inch // F#2.8 // FOV-D 181 degree // TTL18.80mm // 6G // M12 14pie
	Tracking Active Area (max projection size)	100" for 16:9 aspect ratio / 80" for 4:3 aspect ratio
	Inter-Finger Distance Specification	Middle/Center <3CM , Left &Right Side(Bottom)< 4.5CM
Laser Module	Visible Light Output	$\lambda=830\text{nm} \pm 10\text{nm}$
	Optical Power Output	200 mW (single mode)
	Operating Voltage	DC 5V/1.5A
	Surface Flatness	<5mm
Stylus pen	Pen Tip Light Emission	Infrared (850 nm)
	Charging Mode	USB Charging
	Charging Voltage Range	4.5V ~ 5.5V
	Power Supply	1 Super Capacitor (20F/2.7V)
	Charging Time	3 Minute
	Using Time by a single charging	About 2 Hours
	Standby Time	72 Hours
Connector	USB	USB to Camera module, USB 2.0/3.0 compatible (computer operational)
	Power	USB to Laser module
POWER (USA,EU,UK plug)	DC Adapter	input:100-240VAC 50/60Hz / Output:DC 5V/1.5A
	Consumption	Camera : Less than 1 watt ; Laser Module:7.5A
Operating Condition	Temperature	23°F to 113°F (-5°C to 45°C)
	Humidity	0% to 95% Non-Condensing

Dimensions Weight	Physical	Camera :142 x 82 x39 (mm) / Laser Module: 109.8 x 65.6 x47.2 (mm)
	Carton Box	208x 209 x 132 (mm)
	Shipping carton	434 x 430 x295 (mm)
	Net	Camera : 60g ; Laser Module: 90g
	Gross	1050 g
	Gross(Shipping carton)	10.8 Kg
	Regulations	Safety/EMC
Software	Language	English, French, German, Spanish, Polish, Simplified Chinese, Traditional Chinese, Japanese, Korean, Italian, Czech, Danish, Russian, Dutch, Finnish, Norwegian, Portuguese, Hungarian, Romanian, Slovak, Turkish, Swedish, Greek, Arabic, Indonesian, Hebrew, Thai, Persian.
Included Accessories		Stylus *2/ Stylus charging cable/ Mini USB cable (MiniUSB 5m for Camera module to PC)/ Y Cable (Laser module USB charging & 2.5mm audio jack sync to CCD)/ DC Adapter (INPUT:100-240VAC 50/60Hz OUTPUT:DC 5V/1.5A)/ Quick Start Guide/ Software CD