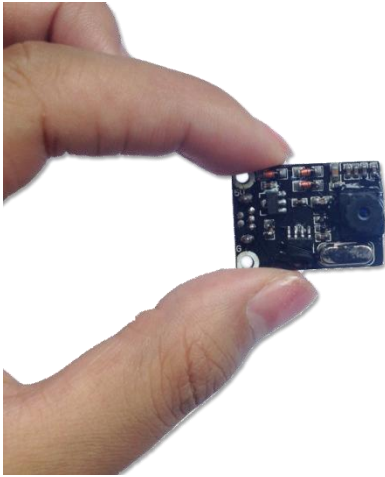


Interactive Module

IM-100/IM-200/IM-300









Interactive Module with design of light weight applies to modifying of various long, short and ultra-short focus projector, to let projectors have interactive whiteboard functions. This product utilizes the technology that high-speed IR camera lens tracking moving objects, realizes human-computer interactive function. It adopts HID interface design, compatible with USB 1.1, 2.0; Using newer, high efficient video compression algorithm to realize that image can be transmitted with high FPS in conditions of low bandwidth, improved product adaptability under various of light interference.

Features

1. Low-cost solution to transfer normal projector to be interactive
2. Lighter and smaller size
3. Multi-writing (Max 64 persons can write at the same time)
4. The size can be customized to adapt to any projector.
5. Wireless Module (Option)

Package Contents

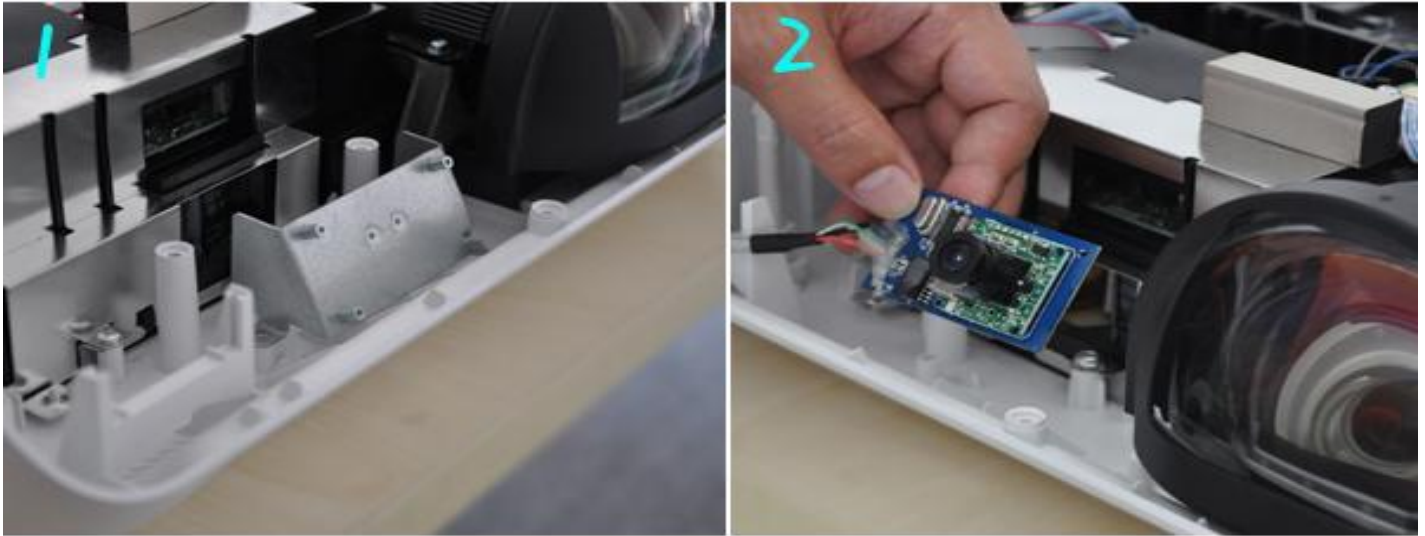
					
Module*1	E-pen*1	E-pointer*1	USB cable*1	Instruction*1	Software CD*1

Specifications

Signal Receiver	
Realization Principle	Super-speed infrared track to locate
Port type	USB1.1. or USB 2.0
Consumption current	<=160mA
Voltage	5V (USB power)
Available wave length to receive signal	808-940nm
Max USB transmission distance	<=20M USB signal amplifier)
Image dimension	800*600 Interpolation 1600*1200
Transmission FPS	65~70 frame/sec
Positioning accuracy	4096*4096
Mouse Kbps	65-70Ponit/s
Right-hand button	Fixed dot>800ms
Device driver	HID standard device, support PNP
Max available infrared dots to track	128
Receiving distance	>=0.4m <=1.7m
Receiving size	Refer to Appendix B
Signal Generator	
LED size	5mm
Battery	AAA 1.5V*2
Wave length	850nm
Pen Length	13.5cm
Pen Weight	41g
Trigger methods	<1g for pressing
Length range of pointer	36-68cm
Pointer Weight	60g
Trigger methods of pointer	Button
Operating Area	
Long-focus Module IM-100	
Projection Application Size (Diagonal)	Distance between Receiver and projection (mm)

56 inch	1600mm
68 inch	2100mm
70 inch	2300mm
75 inch	2500mm
85 inch	2800mm
92 inch	3200mm
150 inch	5000mm
Short-focus Module IM-200	
80 inch	600mm
90 inch	800mm
100 inch	1000mm
120 inch	1400mm
150 inch	1700mm
Ultra-short focus Module IM-300	
60 inch	400mm
70 inch	460mm
88 inch	520mm
92 inch	550mm
103 inch	600mm
E-pen	
Movement Detection Technology	LED light
Power requirement	3V CR 123A x1
Pen Body Dimension	13.2cm(length); 2cm(diameter)
Weight	60g(with battery)
E-pointer	
Movement Detection Technology	LED light
Control buttons	1 button (left and right click of a mouse)
Power requirement	3V CR 123A x1
Weight	90g
Length	56(length)

Application



About Hi-vista

Hi-Vista is the global No.1 provider of optic interactive products. Optic as the main direction of technology development to research, develop and produce interactive projection module, portable whiteboard, interactive projector (all-in-one) series, and desktop touch systems and so on. These products are mainly used in education and training, advertising, trade shows and business and other fields.

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