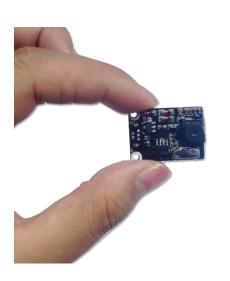


Interactive Module

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

			\bigcirc	E. C. M.	
Module*1	E-pen*1	E-pointer*1	USB cable*1	Instruction*1	Software CD*1



Specifications

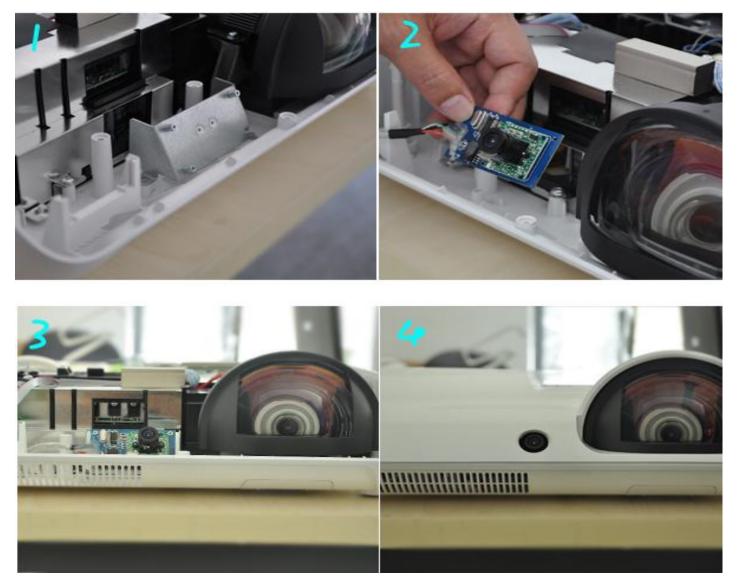
Signal Receiver				
Realization Principle	Super-speed infrared track to locate			
Port type	USB1.1. or USB 2.0			
Consumption current	<=160mA			
Voltage	5V (USB power)			
Available wave length to receive signal	808-940nm			
Max USB transmission distance	<=20M USB signal amplifier)			
Image dimension	800*600			
Inage dimension	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)			



SéinchSéinch68 inch200m70 inch200m70 inch200m81 inch200m81 inch200m92 inch200m10 inch000m10 inch000m91 inch00m91 inch00m <th></th> <th></th>					
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103 inch 600mm ID3 inch IO3 inch IO3 inch ID3 inch Inch	88 inch	520mm			
Image: Control buttons Image: Control buttons Power requirement LED light Power requirement 3V CR 123A x1 Pen Body Dimension 13.2cm(length); 2cm(diameter) Weight 60g(with battery) Power nequirement LED light Movement Detection Technology LED light Movement Detection Technology JU CR 123A x1	92 inch	550mm			
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E-pointer Movement Detection Technology LED light Control buttons 1 button (left and right click of a mouse) Power requirement 3V CR 123A x1	Pen Body Dimension	13.2cm(length); 2cm(diameter)			
Movement Detection Technology LED light Control buttons 1 button (left and right click of a mouse) Power requirement 3V CR 123A x1	Weight	60g(with battery)			
Control buttons 1 button (left and right click of a mouse) Power requirement 3V CR 123A x1	E-pointer				
Power requirement 3V CR 123A x1	Movement Detection Technology	LED light			
	Control buttons	1 button (left and right click of a mouse)			
Weight 90g	Power requirement	3V CR 123A x1			
	Weight	90g			
Length 56(length)	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.

Headquarter

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