

Pen Display ESP1331



Introduction

Hanvon ESP1331, integrated with LCD and patented electromagnetic resonance, is designed for the purpose of handwriting in electronic signature, multimedia education etc. The EMR component consists of a cordless battery-free stylus and a sensor board.

Features

- Hardware integration of LCD display and digitizer with battery-free pen.
- Signature data capturing including pressure sensitivity, handwriting track and speed
- Intuitiveness and ease of use with hand-eye coordination and zero learning curve
- The driver can be embedded into the third party applications, encryption of AES 256 / RSA 2048 supported
- Customization is available for different requirements for driver, SDK or OCX.

Technical Specifications

	Product Model	ESP1331
General Spec	Panel Size	13.3inch
	Panel Type	IPS-LCD
	Display Ratio	16:9
	Active Area	293.76*165.24(mm)
	Resolution	1920*1080
	Pixel Pitch	0.153 X 0.153(mm)
	White Luminance	210
	Contrast Ratio	1000:1
	Color	16.7M Colors
	Response Time	Typ14ms
	Viewing Angle	178° /178°
	Surface Treatment	Tempered glass

Touch Spec	Touch Solution	EMR
	Pressure Levels	4096
	Report Rate Speed	210pps
	Accuracy	±0.5mm (Center), ±1mm (Edge)
	Pen tilt Angle	+/- 45°
	Sensor Height	5-15mm
Pen Spec	Type	Cordless and battery free
	Rubber	Eraser
	Weight	16g
Other Spec	Power Supply Type	USB 5V 1A
	Power Consumption	5W
	Touch Interface	USB*1
	Video Input	HDMI
	Dimension (mm)	380*280*14mm
	Net Weight	1.1kg
	OS	Windows XP/7/8/10 or MAC,Linux
	Operation Temp/ Humidity	0~65℃/20~80%
	Storage Temp/ Humidity	-10~80℃/10~90%
	Encryption	AES 256 / RSA 2048
Packing list	Display	1
	Stylus	1
	USB/HDMI Cable	1
	Pen box	1
	CD	1
	User manual	1