

Sign Pad ESP560 Specification



Introduction

Hanvon ESP560, integrated with a 5.6 inch LCD and electromagnetic resonance technology (ERT) components, is designed for the purpose of E-signature with handwriting. The ERT component consists of a cordless battery-free ERT stylus and a sensor board.

The ESP560 .DLL provides signature handwriting x,y pressure and time information and collect the signature speed and pressure to generate the user's biometrical information.

ESP560 driver program can be embedded in the third-part application. The custom-made development can be made for different applications.

Applications

ESP560 is widely used in banks, post office, retails, securities, insurance & communications, such as signing on a receipt or a contract with a personalized digital signature.

Performance and parameters

Panel Descriptions

Display Panel	TFT LCD
Panel Size	5.6Inch
Pixel Pitch	0.0588(W) × 0.1764(H) mm

Active area	112.896× 84.672 mm
Resolution	640 (RGB) × 480
Viewing Angles	140/140 (Typ)
Contrast Ratio	500:1 (typ.)
Display Response(Ton+Toff)	10mS+15mS

Touch Descriptions

Technology	Electromagnetic resonance technology
Resolution	2540LPI
Pressure Sensitivity	1024 levels
Coordinate Accuracy	±0.5mm (center) , ±1mm (edge)
Accuracy Assurance Height	7 mm or more
Maximum Pen Tilt Range	±45° vertical
Report Rate(max)	150pps
Pen	Cordless and battery free
Pen Dimensions	9(Φ)×131.2 (length)mm
Pen Weight	8.48g
Encryption	AES256 / RSA2048

Power Supply

Power Management	USB power (5V, 500mA)
Power Consumption	under 2.5 W

Other Spec

Dimension	181 x 161 x 30 mm
Weight	337g
Support OS	Windows/Linux/Android
Software development	Free sdk (lib,dll, ocx websocket etc) for C++,.Net and Java developers in Windows

Packing contents

Device	1
pen	1
USB Cable	1
Stylus lanyard	1