JOYUSING®

SP550

Advanced Color LCD Signature Pad

Advanced and Robust Color

The 5.0” Advanced Color LCD screen provides an attractive point of signing area with a paper-like feel and superb durability, it is large enough to capture longer signatures. When not in signature mode, it can also be used for displaying advertising, promotions or branding.

A broad range of connectivity options ensure maximum deployment flexibility, including multiple alternatives for virtualized desktop environments. Transaction security is supported with advanced encryption built-in.

OVERVIEW

- The high resolution color LCD screen
- Precise biometric signatures, just like on paper
- Most advanced AES and RSA encryption(option)
- Easy operation without external power adapter
- Easy development and integration

APPLICATIONS

- Bank Counter
- Hotel Check-ins
- Shop Purchases
- Clinic Registrations

KEY FEATURES

5.0-Inch LCD display

2048 grade pressure sensitivity

Ensure high security guarantee

USB data exchange and power supply

SDK availiable

SPECIFICATIONS

LCD Display

Size	5 Inch
Native Resolution	800*480 pixels
Color Quality	24-bit true color
Display Type	IPS LCD
Cover Plate Surface	Tempered glass
Coordinate Resolution	>2540 lpi
Viewing Angle	Horizontal ≥170°, Vertical ≥170°

General Specifications

Dimensions	168mm × 148mm × 28mm (W x H x D)
Weight	400g
Power Supply	USB powered(5V/500mA),
Main Body Color	Black
Communication Interface	USB2.0 or higher
Certifications	CE, RoHS

Pad and Pen

Pressure Levels	2048(1024 non-interpolated)
Reading Technology	Electromagenetic Resonance (EMR)
Active Area Size	108 x 65 mm
Coordinate Accuracy	±0.5 mm (center)
Sensing Height	5mm-15mm
Reading Technology	Electromagnetic induction
Maximum Read Rate	More than 200 points per second (non-interpolated)
Maximum Grip Angle	Allow ±45° (angle between stylus and screen normal line)

Other

Fingerprint	Optional
Physical Keyboard	Optional
Encryption	AES256 / RSA2048(option, soft encryption)
Signature Software Compatability	Compatible with Windows signature software SDK available for C/C++/.Net/Java(non-native, via browser). Microsoft Windows 10 or higher
Security Lock Slot	Support
Operating Conditions	Temperature: +5°C to +40°C Relative humidity: 30% to 80%

CUSTOMIZABLE AVAILABLE

Function	SP550	SP550F	SP550N
Signature	✓	✓	✓
Fingerprint Reader		✓	
NFC			✓

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The products described in this document are subject to continuous development and improvement.