

Sign Pad Esign500C Specification



Features and Functions

- 5-inch color LCD screen that can display image advertisements and support information push.
- Hardware integration of LCD display and digitizer with battery-free pen.
- Signature data capturing including pressure sensitivity, handwriting track and speed.
- Battery-free & Cordless Pen for zero maintenance.
- Support for virtualized environments through the Virtual COM Port (VCP) for compatibility with Citrix and RDP.

Driver SDK

The driver SDK can be easily embedded into 3rd party application.

The SDK (Software Development Kit) provides signature x/y coordinates, pressure, and time parameters to capture the nuances of the user's signature and form signature biometric information.

Applications

The device 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 Description	
Panel Size	5.0Inch
Panel Type	TFT LCD
Display Ratio	5:3
Active Area	108.0 (W)*64.8 (H) mm
Resolution	800*480
Pixel Pitch	0.045mm*0.135mm
White Luminance	350cd/m ² (TYP)
Color	16.7M
Contrast Ratio	800:1
Viewing Angle	170(85/85) / 170(85/85) (Typ)
Display Response	T _{ON} 20ms (Typ). T _{OFF} 20ms (Typ)
Touch Description	
Touch Technology	Electro-magnetic resonance technology
Resolution	2540LPI
Pressure Level	1024 levels
Report Rate	200pps
Accuracy	±0.5mm (center) , ±1mm (edge)
Tilt Angle	±45° vertical
Sensor Height	7 mm
Pen	Cordless and battery free
Pen Tip	Switchable
Power Supply	
Power Management	USB power (5V, 500mA)
Power Consumption	under 2.5 W
Other Spec	
Communication interface	USB
FTDI (vCOM)	Support for virtualized environments through the Virtual COM Port (VCP) for compatibility with Citrix and RDP
Support OS	Windows/Linux/Android
Dimension	144.11*96.5*9.28 mm
Packing contents	
Device	1
pen	1
USB Cable	1
Stylus lanyard	1