

Technical Specification: Sign Pad 1.0

SIGN PAD 240x64 - 1.0 Model (Lineup)

• Version 1.1



• Version 1.2



Sign Pad 240x64 - 1.0 is a high-performance, large-sized electronic signature pad with digitizing pen available in two different versions. It is a complete and versatile pen input system for the capture of handwritten signatures, which allows the attachment of signatures to documents in various applications.

Large signing area allows ease of use for signing on a desktop or in a field. The signature is displayed on the LCD screen in real time and this gives a writing sensation as on a sheet of paper. An optional backlight allows the use in low light condition.

The Sign Pad includes a pressure-sensitive pen for input, built to capture a dense and detailed signature. This Sign pad can be integrated easily into existing systems and captures the signature image to the destination folder of the user's choice.

Sign Pad 240x64 - 1.0 is recommended for Restaurants and Large Scale Discount Stores.

Characteristics

- LCD Touch Panel.
- Pressure sensitive pen.
- 240 x 64 PIN PAD.
- Backlit feature for use in low light condition.
- Ergonomic design built for a comfortable electronic signature capturing.
- LCD panel protected by a special film to obtain the maximum durability.
- LCD panel design for having high shockproof (mobile technology).
- Design built for low cost maintenance purpose.

SW Features

- System requirements Window 98, 200, XP ; Window CE ; Linux.
- Signature data encryption working through DES, SEED.
- Data size from 250 to 400bytes.
- Secure encryption backup through RSA (terminal), DES SEED.

Technical Specifications

CPU	▪ Atmega 128 16AI / 8 bit.
Memory	▪ CMOS RAM 1MB
Dimension	▪ Ver 1.1 140mm(W) x 96.5mm(D) x 32mm(H) ▪ Ver 1.2 143mm(W) x 111mm(D) x 32mm(H)
Weight	▪ Ver 1.1 270g (0.595lb) ▪ Ver 1.2 280g (0.617lb)
LCD Mode	▪ STN / Positive Reflective Mode (Yellow-Green)
LCD Resolution	▪ 240(H) x 64(V) Dots
Viewing Direction	▪ 6 O'clock
LCD Window Size	▪ 111mm x 37mm
Backlight	▪ LED type (Blue, YG, White) <u>Optional</u>
Pen Type	▪ Tethered Urethane Spring - Loaded Stylus (Orange tip)
Touch Panel Type	▪ ITO 4-Wire Resistive Touch Pad
Touch Panel Size	▪ 115mm x 46mm
Interface	▪ USB, RS232C (Serial)
Baud Rate	▪ 2400 ~ 57600
Power Port	▪ Self-Powered from USB port or use External Power
Power	▪ +5.0V DC 100mA
Operating Temperature	▪ 0 ~ 50 °C
Storage Temperature	▪ -10 ~ 60 °C