

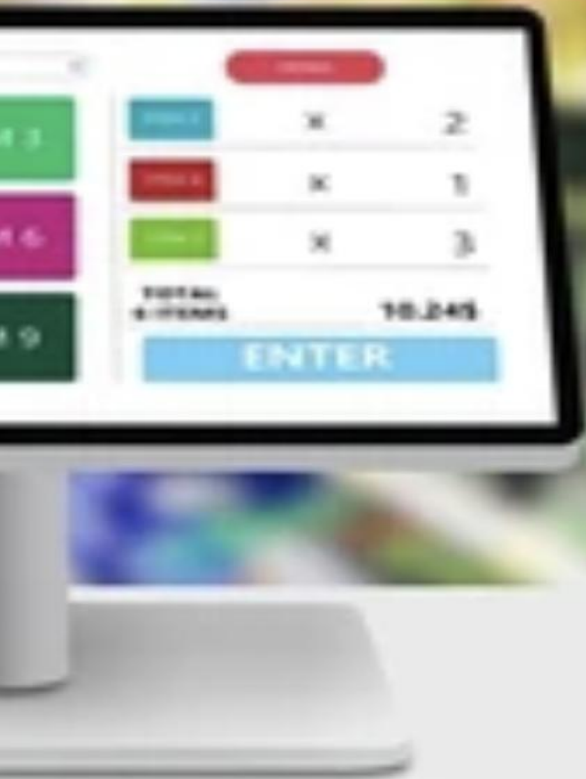
P12B Keypad



FENGYU



P12B Keypad



Applications

Heng Yu P12B pinpad is robust pinpad with spill-proof design will highly reliable and tactile keys. It can be mainly used as pin input devices for banks, POS terminals, payment centers and securities. Typical applications are as below:

- Point of Sale PIN input device
- Password pinpad in the bank counters
- Access Control PIN input device
- Stock price checking pinpad in securities houses
- Manufacturing control instrument input device
- Road toll input device

Main Features

- Numeric keys with additional 2 customized keys
- Full travel keys using sealed membrane and high life rubber, operating life of individual keys > 10 million operations
- Equipped with password-shield, protecting the pin from being seen during input
- With several value added functions available
- Support many connecting interfaces
- Power can be retrieved from the keyboard port for RS232 interface

P12B Keypad

Value-added Functions

- Red/Green LED indicators
- 122x32 Dot matrix LCD
- LCD with fixed display message
- Fixed voice hint for operation guide
- 64-bit DES encryption

DES Encryption

- With 16 pairs of master and working encryption keys
- Encryption keys can be downloaded from the host
- Working encryption keys are encrypted by the corresponding master encryption keys
- PINs are encrypted by the working encryption key, after the master encryption key having been activated

Technical Data

Electronics

- Different baud rates are available
- Interface: RS232 or USB
- Power Supply: 5V/DC \pm 10%
- Current input: less than 100mA

Model Naming

P12B-12345-X

Value-added function sub codes

1. M – with 122x32 Dot Matrix LCD
L – with fixed display message
G – with red/green LED indicators
2. S – with fixed voice hint for operation guide
N – no voice hint
3. D – with 64-bit DES encryption
N – no voice hint

Interface sub codes (4)

R: RS232

R1: with plug for external 5V adaptor

R2: with power pin at DB9 pin 5

R3: with power pin at DB9 pin 9

T: TTL

U: USB



Others

- Storage temperature: -40 °C to +60 °C
- Operating temperature: 0°C to +50°C
- Humidity: 20% to 90%, non-condensing

