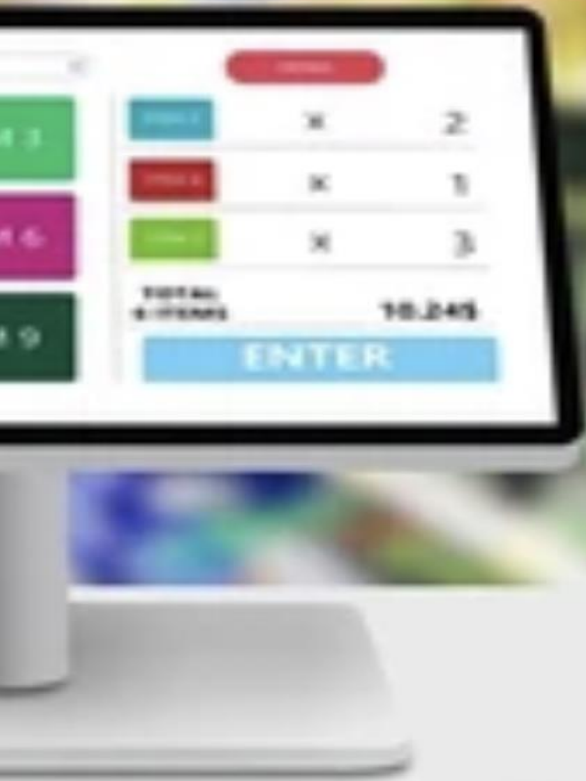


# S112M

## POS Keyboards

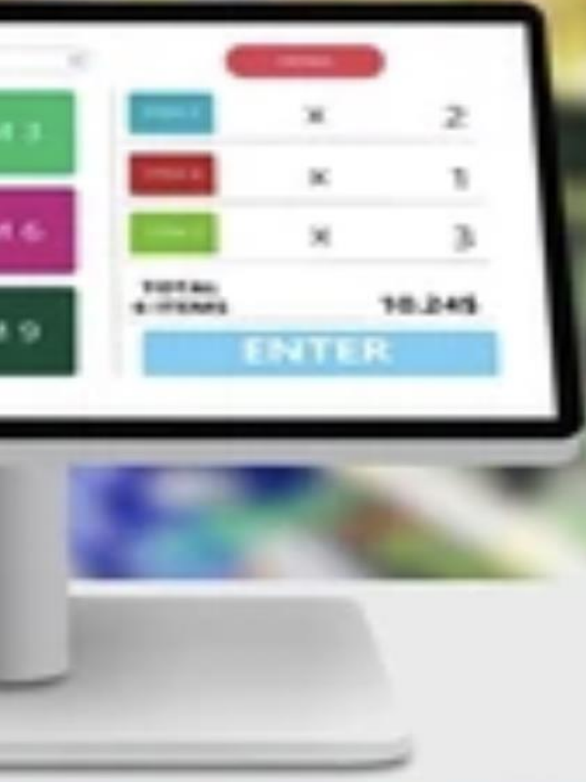


FENGYU



# S112M

## POS Keyboards



**FENGYU**

### Key Features

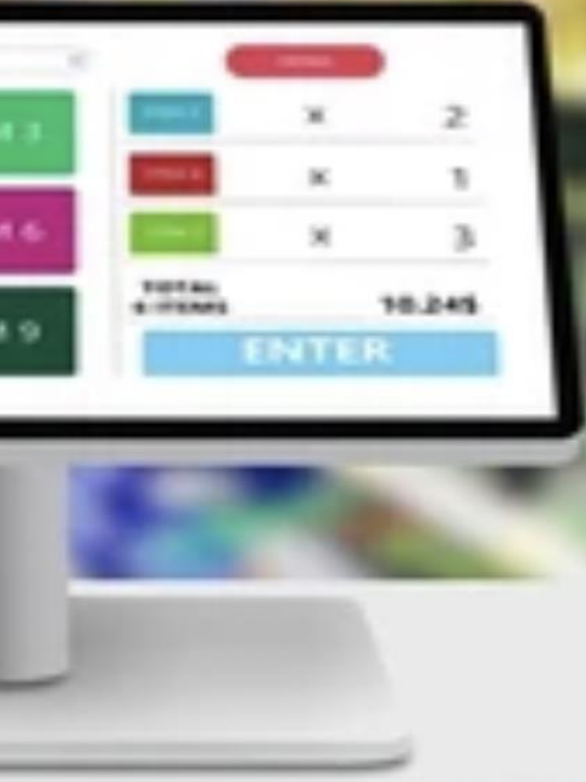
- 112 fully programmable keys, 8 \* 14 matrix
- All keys are made from Cherry MX key switches, good tactile feelings
- Magstripe reader settings are programmable by Matrix Maker
- Programmable functions are powered by the Matrix Maker
- With internal strong metal plate to enhance the protection against ESD is increased
- Different relegendable keycaps (1 fold, 2 fold and 4 fold) are available
- Numeric profile keycaps are available
- Detachable cable, using the tough RJ45 connector

### Programmable Features

- Powered by Matrix Maker, our programmable software running under Win7, Win8, Win10 and Win11
- With optional Android based programming app
- Support OPOS, JPOS and UPOS
- All keys can be programmed with unlimited characters
- All data can be retained for no less than 100 years without additional battery
- Does not require a TSR program and hence avoids application software crashes
- Supports multi-layer programming
- Provides for a variable time delay of up to 255 seconds in each programmed string
- Provides true keyboard wedge function that operates with or without the normal computer keyboard connected
- Provide a true Caps/Scroll/Numeric Lock function independent of any other keyboards being connected

# S112M

## POS Keyboards



# FENGYU

## MagStripe Reader Features

Comply with ISO 7812, IBM standards, AAMVA, JIS-2

Support multi-country code settings

Support programmable MSR setting for the header, tailor, separator, suffix and prefix, track sequence

Track 1: 210BPI with max 76 characters

Track 2: 210BPI with max 107 characters or 75BPI with max 37 characters

Track 3: 210BPI with max 107 characters

Card swipe speed: 10 to 100 cm/s; Speed:3-125 ips at 75 BPI; 3-50 ips at 210 BPI  
500,000 swipe cycles

## Keylock Features

6 steps keylock

Each step can be programmed as a normal key or layer key

Life cycle  $\geq$  25,000 times

With clear step rotation

## MagStripe Reader Features

Comply with ISO 7812, IBM standards, AAMVA, JIS-2

Support multi-country code settings

Support programmable MSR setting for the header, tailor, separator, suffix and prefix, track sequence

Track 1: 210BPI with max 76 characters

## Technical Data

### [Electronics]

Power supply

PS/2: +5V/DC  $\pm 10\%$

USB: +5V/DC  $\pm 5\%$

Current input

PS/2: <100mA

USB: <100mA

### [Mechanical]

Total travel: 4 – 0.4mm

Pre-travel: 2  $\pm$  0.6mm

Peak load before make: 60  $\pm$  20cN

### [Others]

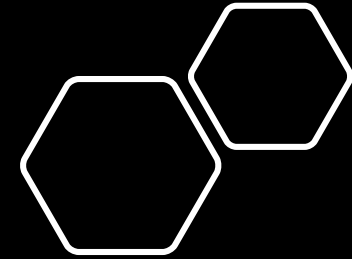
Storage temperature: -40°C to +55°C

Operating temperature: 0°C to +40°C

Operating humidity: 40% to 90%

Dimensions: 333 x 200 x 48

Certificates: FCC/CE



**HENGYU**

Heng Yu Technology (HK) Limited  
<http://www.hengyu-tech.com>