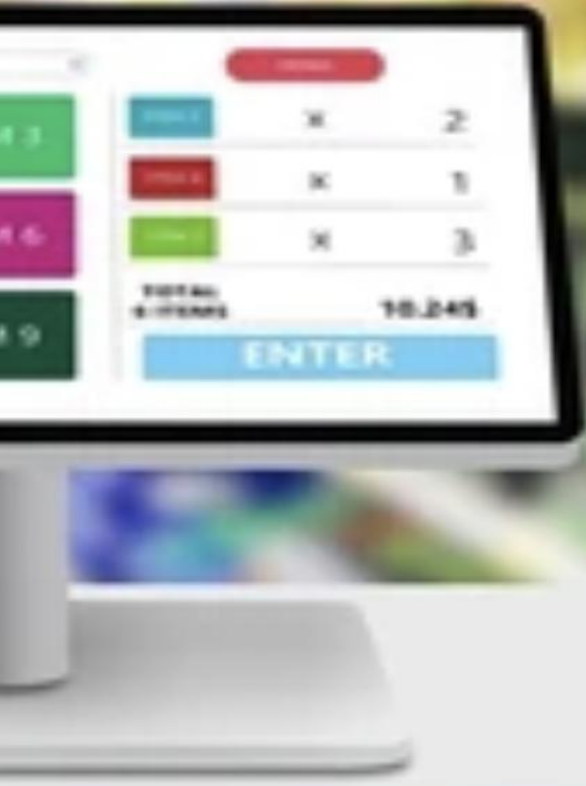


S112B

POS Keyboards



FENGYU



S112B

POS Keyboards

FENGYU

Key Features

112 fully programmable keys, 7 * 16 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
Available in USB and PS/2 interface

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



S112B

POS Keyboards



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

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%

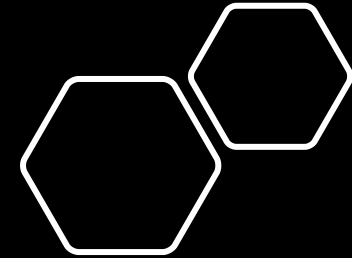
Dimensions: 333 x 200 x 48

Certificates: FCC/CE

[Model Options]

S112M: with built-in magstripe reader

S112B: without magstripe reader



HENGYU

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