

# S81A

## POS Keyboards

FENGYU



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**FENGYU**

### Key Features

81 fully programmable keys, with QWERTY section

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 releasable keycaps (1 fold, 2-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

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### MagStripe Reader Features

Supports bi-directional swiping

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

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## Technical Data

[Electronics]

Power supply

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

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

Current input

PS/2:  $< 100\text{mA}$

USB:  $< 100\text{mA}$

## [Mechanical]

Total travel:  $4 - 0.4\text{mm}$

Pre-travel:  $2 \pm 0.6\text{mm}$

Peak load before make:  $60 \pm 20\text{cN}$

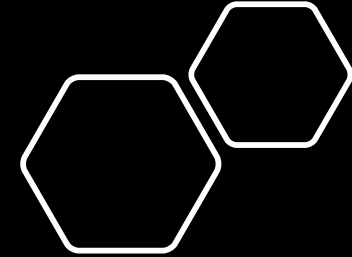
## [Others]

Storage temperature:  $-40^{\circ}\text{C}$  to  $+55^{\circ}\text{C}$

Operating temperature:  $0^{\circ}\text{C}$  to  $+40^{\circ}\text{C}$

Operating humidity: 40% to 90%

Certificates: FCC/CE



**HENG YU**

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