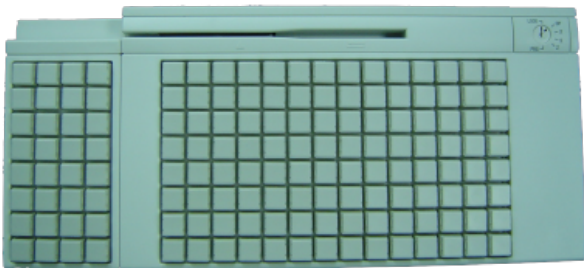


S144A

http://www.hengyu-tech.com/index.php?route=product/product&product_id=123

Product Image



Description

Main Features

- 144 fully programmable keys, 8 * 18 matrix
- Each key is made from the reliable Cherry MX key switches
- Programmable functions are powered by the Matrix Maker
- With internal strong metal plate to enhance the protection against ESD
- Different relegendable keycaps (1 fold, 2 fold, Quad-fold) are available
- Numeric profile keycaps are available
- Detachable cable, using the tough RJ45 connector
- Dual interface: PS/2 and USB

Programmable Features

-
- Support Patented design of virtual touch screen simulation
 - Support firmware upgrade
 - All keys can be programmed with 255 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
 - Provides multi-level programming
 - Provides for a variable time delay 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
 - Support PS/2 programming in DOS, all Windows of 32 bit versions
 - USB programming through the USB HID interface, need not any keyboard drivers.

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
- 500,000 swipe cycles
- Speed:3-125 ips at 75 BPI; 3-50 ips at 210 BPI

Keylock Features

- 6 steps key lock
- Each step can be programmed as a normal key or layer key
- Life cycle \geq 25,000 times

Technical Data

[Electronics]

Power Supply

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

Current input

- PS/2: <100mA
- USB: <100mA

[Mechanical Key Switch Version]

- Total travel: 4 – 0.4mm
- Pre-travel: 2 \pm 0.6mm
- Peak load before make: 60 \pm 20cN
- Key Stroke Life = 50 million

[Others]

- Storage temperature: -40°C to +60°C
- Operating temperature: 0°C to +50°C
- Operating humidity: 20% to 90%
- Dimension (LxWxH, mm): 359 x 201 x 46