

# S100B Compact QWERTY Programmable Keyboard Series

## Key Features

- I Compact Full keyboard layouts, with programmable keys
- I High quality membrane keys with tactile feeling
- I Laser-engraved keycap symbols or high quality UV silk screen printed keycap symbols
- I Damaged keys can be easily replaced and hence save the replacement cost
- I With internal strong metal plate to enhance the protection against ESD is increased
- I Different relegendable keycaps (1-fold, 2 fold) are available
- I Detachable cable, using RJ-45 connector
- I Optional LCD Display and Smart Card Reader are available as plug-in modules
- I Available in USB, PS/2 Interface



## Programmable Features

- I All keys can be programmed with unlimited characters
- I All data can be retained for no less than 100 years without additional battery
- I Does not require a TSR program and hence avoids application software crashes
- I Provides multi-level programming
- I Provides for a variable time delay of up to 255 seconds in each programmed string
- I Provides true keyboard wedge function that operates with or without the normal computer keyboard connected
- I Provide a true Caps/Scroll/Numeric Lock function independent of any other keyboards being connected
- I Support PS/2 programming in DOS, Windows9X, Me, 2K, XP

## MagStripe Reader Features

- I Comply with ISO 7812, IBM standards, AAMVA, JIS-2
- I Support multi-country code settings
- I Support programmable MSR setting for the header, tailor, separator, suffix and prefix, track sequence
- I Track 1: 210BPI with max 76 characters
- I Track 2: 210BPI with max 107 characters or 75BPI with max 37 characters
- I Track 3: 210BPI with max 107 characters
- I Card swipe speed: 10 to 100 cm/s
- I 500,000 swipe cycles
- I Speed: 3-125 ips at 75 BPI; 3-50 ips at 210 BPI

## Technical Data

### [Electronics]

- Power supply  
 PS/2: +5V/DC  $\pm 10\%$   
 USB: +5V/DC  $\pm 5\%$
- Current input  
 PS/2: <100mA  
 USB: <100mA

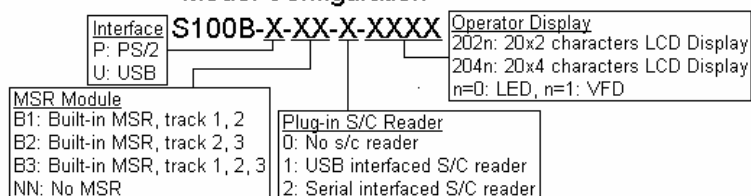
### [Mechanical]

- Total travel: 4 – 0.4mm  
 Pre-travel: 2  $\pm$  0.6mm  
 Peak load before make: 60  $\pm$  20cN

### [Others]

- Storage temperature: -40°C to +60°C  
 Operating temperature: 0°C to +50°C  
 Operating humidity: 20% to 90%  
 Dimension (LxWxH, mm): 410 x 167 x 50  
 Weight (g): 1320

## Model Configuration



## Heng Yu Technology (HK) Limited

Room 1003-4, HSH Mongkok Plaza, 800 Nathan Road (Prince Edward Station, Exit A), Hong Kong  
 Phone: +852-23941852 Fax: +852-23941865  
 Website: <http://www.hengyu-tech.com> Email: [sales@hengyu-tech.com](mailto:sales@hengyu-tech.com)