

# LIF-KB84M



## **General Information:**

The KB84 is a programmable membrane keyboard with 84 keys. It is dustproof and waterproof, and capable of magnetic card reading, IC card reading(optional), and electronic lock.

PCB Version: Main Board: VN2.0; Lamp Panel: VN1.0; Lock Plate: VN1.0. Membrane: VN1.1; Interface Board: VN1.0; IC Card:VN1.1

## **Based feature:**

- Operating system:
  - The PS/2 is suitable for DOS, Win9X, Win Me, Win2000,Win XP, Win7-32bits
  - The USB is suitable for Win7/8/10, Win9X, Win Me, Win2000,Win XP
- Interface: PS/2, USB
- Single track, dual track or three track
- Waterproof level: IP54
- No battery
- The PS/2 can be developed to be connected with other device like standard keyboard, bar code scanner
- Durable and good handle

## **Programmable Feature:**

- 100 years data retention without additional battery
- The key is multilevel: a key can be programmed with different character strings
- Any key can be defined including Num/Cap/ Scroll/ Lock, Ctrl, Alt, Shift, F1 etc

## **Magnetic Feature:**

- Accord with ISO7811, IBM, AAMVA, JIS-2
- The power supply: DC+3.3V
- Card Swipe Speed: 10-120cm/s
- Life circle of Head:  $\geq 1,000,000$
- Coercive Force: 300-4000 Oe

- Compatible with the home-made magnetic card
- The header, tailed, separator, prefix code, suffix code and track sequence can be programmed through MSR setting
- The Density of Magnetic Stripe:

Track 1--210BPI with max 76 characters

Track 2--210BPI with max 104 characters or 75BPI with 37 characters;

Track 3--210BPI with max 104 characters

### **Keyboard:**

- Key lifetime: 20,000,000 times
- Key pressure: 55±15g
- Capacity Per Key: 1 to 255 characters per key
- The EMC Radiation Test is B, and Electro-Static discharge (according to the standard like GB 4943、 GB/T 17626)
- Lettering keycap(three ways): leaser engraving, UV silk--screen, sticker

### **Electronic Lock Feature:**

6 levels of the lock

Lifetime: ≥30000

Four key types: the "SUP" control 3 levels; the "SP" control 6 levels; the "Z" control 4 levels; the "PZ" control 5 levels.

### **Mechanical:**

Subject material: ABS (or HIPS)

Color: black or white

Size: (L×W×H) 389x171x46mm

Net Weight :1222g

Cable Length: 0.8m or 2.5m

**Environment:**

Working Temperature:  $0\pm 45\text{ }^{\circ}\text{C}$

Working Humidity: 10%-- 90%

Working Voltage: DC+5V  $\pm 10\%$

Working Current:  $\leq 150\text{mA}$

Storage Temperature:  $-20\pm 50\text{ }^{\circ}\text{C}$

Stroke: 4.0--0.5mm

**Package:**

The weight of inner box: 265g

The size of inner box: (L×W×H) 425x226x62mm

The weight of outer container: 700g

The size of outer container: (L×W×H) 470x325x450mm