

S128MT Full size POS Keyboard with Touchpad

Key Features

- 32 fully programmable keys
- QWERTY section is made of POS graded membrane keys
- Numeric section is made of Cherry MX key switches
- Magstripe reader settings are programmable
- Programmable functions are powered by the Matrix Maker
- Keyboards are backed up by 1.2mm thick metal frame
- Different relegendable keycaps (1 fold, 2 fold and 4 fold) are available
- Support different country layouts
- With optional touchpad
- Detachable cable, using the tough RJ45 connector
- Available in USB, PS/2 Interface

Programmable Features

- Programmable 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, Windows9X, Me, 2K, XP
- 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



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 ± 0.6 mm

Peak load before make: 60 ± 20 cN

Key strokes life:

QWERTY section: 10 million

Numeric section: 50 million

[Touchpad]

Active area (LxW, mm): 62.5 x 46.5

[Others]

Storage temperature: -40°C to $+60^{\circ}\text{C}$

Operating temperature: 0°C to $+50^{\circ}\text{C}$

Operating humidity: 20% to 90%

Dimension (LxWxH, mm): 439 x 200 x 44

Weight (g): 1,550

Approval: FCC, CE, C-tick