

# S78T: Compact POS keyboard with built-in VGA Monitor

## Key Features

- Innovative and space-saving design, designed for supermarket, convenient stores and other retail shops where the transactions are huge.
- Integrate the 5.6" TFT VGA monitor into a 78-key POS keyboard
- The panel can be rotated from 0 degree to 160 degree
- The LCD is panel is protected by strong glass.
- 78 fully programmable keys, powered by Matrix Maker programming utility
- All keys are using the Cherry MX key switches
- Can have optional MSR and Touchpad functions
- Card reader can added on demand.
- Single cable design, combining the PS/2 keyboard cable and VGA cable into one single cable with DVI-connector at the keyboard side.



## Monitor Features

VIEWING AREA	5.6" INCH
RESOLUTION	800 x (RGB) x 600
ACTIVE DISPLAY AREA (mm)	112.896(W) x 84.672
COLOR	26.2K
VIEWING ANGEL Up/Down/Left/Right	50°/70°/70°/70°
RESPONSE TIME TR/TF	10/15 ms
CONTRAST RATIO	500:1
BRIGHTNESS	200 cd/m2 (LED BACKLIGHT)
VGA SIGNAL	R/G/B ANALOGVGA
HORIZONTAL FREQUENCIES	31 to 48KHz
VERTICAL FREQUENCIES	56 to 72Hz
CVBS SIGNAL	1.0Vp-p PAL/NTSC
INPUT	Universal AC100~240V, 50/60HZ
OUTPUT	DC +5V
MANAGEMENT	VESA DPMS
CONSUMPTION	≤5W
STORAGE TEMP.	-25°C ~70°C
OPERATING TEMP.	0°C ~42°C
OPERATING HUMIDITY	10%---85%
VERTICAL	0 Degree to 160 Degree
GLASS	STRENGTHEN GLASS

## Programming Features

- All keys can be programmed with 255 characters and stored in the keyboard EEPROM
- All data can be retained for no less than 100 years without additional battery
- Support PS/2 programming in DOS, Windows9X, Me, 2K, XP
- USB interface exists as TRUE USB HID device, no need to install any drivers for programming.
- Powered by well-defined programming software – Matrix Maker.
- The add-on magnetic card reader can also be programmed by the Matrix Maker.

## Technical Data (Keyboard Section)

### [Electronics]

#### Power supply

PS/2: +5V/DC ±10%

USB: +5V/DC ±5%

#### Current input

PS/2: <100mA

USB: <100mA

MTBF: 50,000 hours

### [Mechanical]

Total travel: 4 – 0.4mm

Pre-travel: 2 ± 0.6mm

Peak load before make: 70 ± 10cN

Key life cycle: 10,000,000 strokes for the single key

Magnetic head lifecycle: 500,000 swipes

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