



DSP-850II

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OPOS and Pass through VFD display

Built in COMBO interface USB & RS-232

A multiple configuration customer display for your POS solution



Easy to read and high quality VFD display

DSP-850 series is the easy to read VFD customer display with Blue-green color and large character, supporting 20 columns x 2 lines and 5x7 dot matrix and offering Long life, High reliability and High display quality.



Adjustable viewing angle and users friendly design

Simple settings selected by DIP SWITCHES SETTING that is emulated with commands mode, baud rate and international characters.



The command emulation modes include: POS7300, EPSON ESC/POS, ADM787/ADM788, DSP800, AEDEX/ EMAX, UTC, and CD5220. 5. Display area can be controlled by window function.

Display area of DSP-850 series can be controlled by window function. Furthermore, it supports wide adjustable viewing angle up to 60 degree and rotation angle up to 270 degree.



Built with Combo interface and bundled with 2 cables

DSP-850II is the 2-in-1-customer display with USB & RS232 (baud rate from 4800 to 38400 bps); furthermore, it is built with 24V power in and power out connecting port. Birch will bundled 2 cables, RS232 and USB cable as standard to lessen your inventory load.

Multi-functional for pass through, OPOS and hand shaking

DSP-850II is the powerful but price competitive pole display, which fully supports OPOS command and hand shaking for USB and RS232 connecting. You can also have "pass through" signal transmission by RS232 that is gauged by MCU assign to one of devices on the transmission line.



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Technical Specifications

●General:

Display method:
Vacuum fluorescent display (VFD)
Display color: Blue Green
Number of characters:
40 characters; 20 columns x 2 lines
Brightness: 700 cd /m²
Character font: 5 x 7 Dot matrix
Character type: 96 alphanumeric; 25 kinds of international character set
Character size: 9.0mm x 5.25mm

●Interface

1x USB, 1x RS232 (to PC), 1x RS232 (to printer), 1x RJ45, 1x 24V Power In, 1x 24V Power Out, 1x12V DC Jack

●Reliability:

MTBF: 25000 hours (power on time)

●Power:

Power supply: 12 ~ 24VDC(Standard with 12V power adapter)
Power consumption: 3 - 6 W

●Dimension:

Panel: 224 (W) x 93 (H) x 50(D) mm
Support: Long: 22 cm and Short: 9 cm
Base: 190 (W) x 55(H) x 96(D) mm

●Others:

Viewing angle -5 - +60 degrees
Rotation angle 270 degrees Max
Weight 1.25 KG
Operating condition:+5- +45°C / 0%-85%
Storage condition: -10- +55°C/10%-85%

●Connector Definition:

PWR3-Power CN: 24V Power supply pass through connector connect to thermal printer

COM1-DB9/M CN: RS-232 connector connect to printer

RJ45-RJ45 CN: RJ45 connector connect to VFD display panel

USB-USB-B CN: USB connector connect to PC/Host

COM2 -DB9/F CN: RS-232 connector connect to PC /Host

PWR2-Power CN: 24V Power supply pass through connector connect to PC/Host or adapter

PWR1-DC-IN CN: 12V DC Jack connector connect Power adapter

Figure of VFD Pole Display Base



Figure of VFD Pole Display Connector



Contact us for details



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