



**TYSSO**®

*Insist on the Best*

## VFD/DSP-650 Series



### Fascinating and Slim Customer Display

The easy-to-read, easy-to-use VFD or LCD display makes an attractive communication with customers by its fascinating design and rich colors.

#### FEATURES

- The most slim customer display on the market
- Equipped with luminary aluminum pole
- Beige, black and semi-transparent casing options
- Small foot print base to save front desk space
- Pass through function to lessen cable connections
- VFD or LCD display available
- Three poles with different heights provide the best viewing position

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## SPECIFICATION

### Tube Display

#### VFD Display

Customer display	Vacuum Fluorescent Display
Display pattern	5 x 7 dot matrix
Brightness	700 cd/m <sup>2</sup>
Character type	95 Alphanumeric & 32 international
Character size	6.4mm (W) x 9.2mm(H)
Character number	20 x2

#### LCD Display

Customer display	Liquid Crystal Display
LCD Mode	STN Yellow, green
Display pattern	5 x 7 dot + Cursor
Number of characters	20 characters x 2 lines
Character Size	6.00 mm(W) x 9.66 mm(H)

#### Environment

Operating temperature	0°C to +40°C
Storage temperature	-10°C to +50°C
Relative humidity	0% to +90% RH

### Overall Dimensions

Dimension (panel)	810mm H x 210 mm L x 35 mm D
3 aluminum poles	11cm, 25cm, & 37 cm
Dimension (base)	12mm Height with 80mm OD
Viewing angle	Max. 45°
Pitch angle	Max. 30°
Weight	About 0.8Kg

### Electricity

Power source	DC +9V~12V(Optional +5V, +24V)	
Power consumption	15 watts maximum 3 watts average	
General control unit	CPU	8031 BH
	ROM	32 K flash ROM
	RAM	32K SRAM
Speed	CPU	11.0592 MHz
Connector	8 pins phone jack, D-SUB 9, and 25 pins (female) connector	

### Driver Interface

Driver interface	RS-232
Driver command	ESC commands, EPSON compatible