



VFD Series Customer Display

- Superior Image & Display Quality .
- Available for Pass-Through Connections
- Module and Housing can be upon OEM Request



The VFD Series are powerful Vacuum Fluorescent Displays which provide a wide viewing angle, long life, high reliability and high display quality. They are designed to improve image and service with an enhanced customer display, featuring modular PC-based POS applications.

The VFD displays are for use with ECR/POS system, to display the purchased price and the amount of change to customer. They are also capable to display the message of advertising or some devices that are connected with computer system.

Features:

- Vacuum Fluorescent Display with display 20 columns x 2 lines (model VFD-202R), and 192x16 graphic dots (model VFD-121G).
- Blue-green fluorescent color is easy on the eyes.
- The display panel is movable so that it can be adjusted for the best viewing angle.
- Adjustable height by changing the support.
- The interface is RS232C, with baud rates from 1200 up to 9600 bps.
- Pass through function to reduce cable connections.
- The self-test function checks the circuit board and performs each function for diagnostic purposes.
- The user-defined and international character sets are standard.

VFD Series

Specifications:

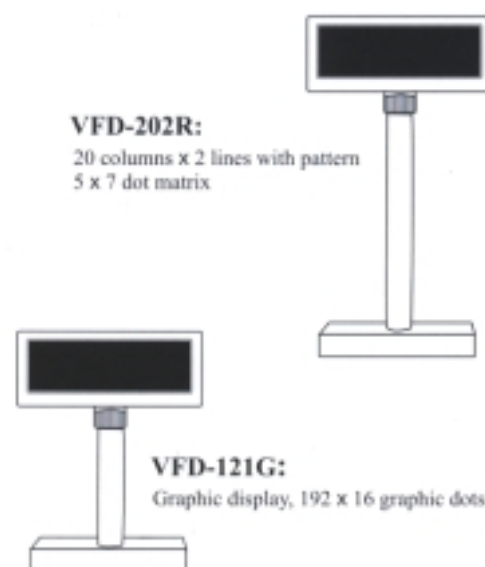
Tube Display

VFD-202R

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

VFD-121G

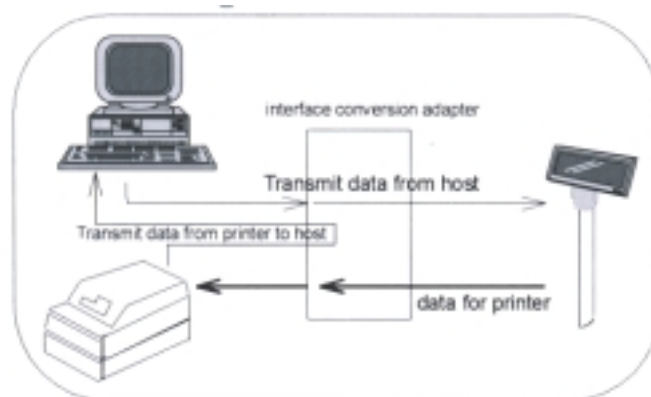
Customer display	Vacuum Fluorescent Display
Character color	Blue green
Display pattern	8 x 8 or 16 x 16 dot matrix
Display area (X x Y)	140.6 x 35.0 mm
Number of dots (X x Y)	192 x 16
Dot size (X x Y)	0.4mm x 0.4mm
Luminance	515 cd/m ²
Character Type	95 Alphanumeric & 32 international characters (for 8 x 8 font)



Electricity

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

Pass-through Connection:



Overall Dimensions

Dimension (panel)	225mm W x 50mm D x 92mm H
Dimension (support)	382/298/160/74 mm H x 33 dia.mm
Dimension base	190mm W x 96mm D x 27mm H
Viewin angle	Max.45°
Horizontal rotation	Max.340°
Weight	About 0.8 Kg

Environment

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

Driver Interface

Driver interface	RS-232
Driver command	ESC command

Connector Panel:

