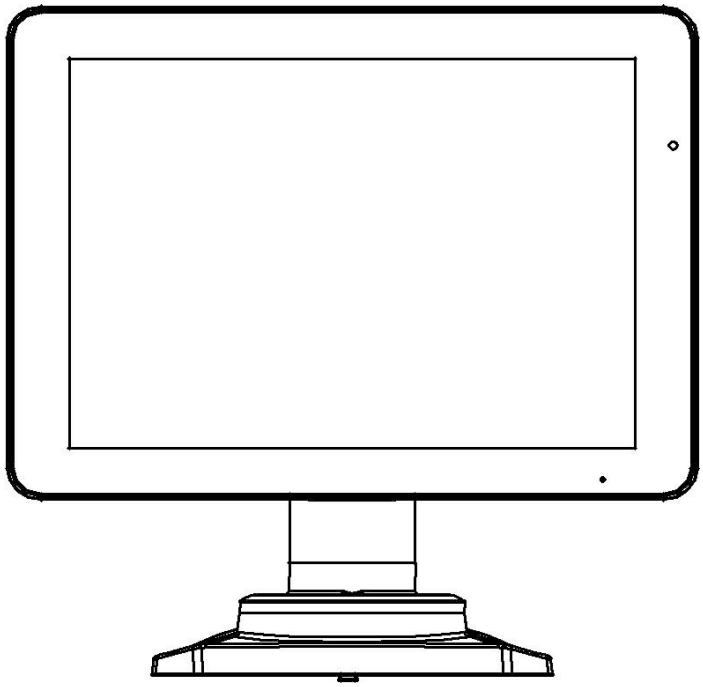
Pole Display User Manual



CONTENT

1. MAIN FEATURES

Pole Display Solux with overall anti-electromagnetic shield to make it looks nice and effectively solve the electromagnetic compatibility problem.

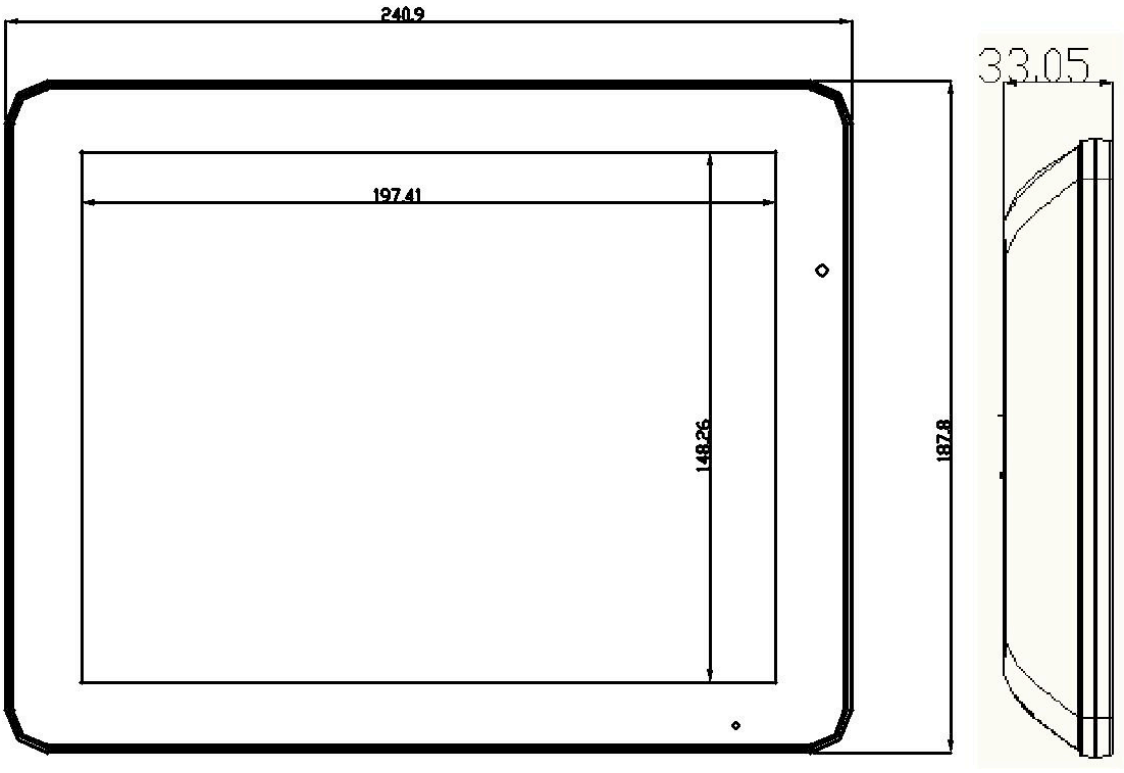
By selecting the backlight inverter circuit, this Pole Display can not only meet the needs of high-brightness requirements but also can ensure longer back light lamp life and reduce cost.

Wide temperature industrial-grade display driver board used in the Pole Display make it suit for harsh environments no matter high temperature or low temperature. What's more the anti- static protection circuit specifically to enhance the reliability of the monitor and reduce maintenance costs.

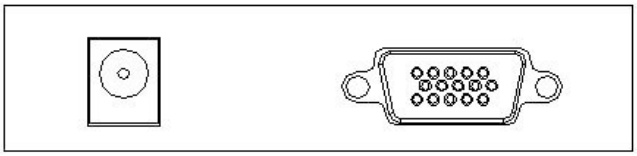
This Pole Display perform gorgeous color and high fidelity to make it outstanding for your business!

2.APPEARANCE

2.1 Overall appearance



2.2 Interface



3. ATTACHMENT

Display data transfer cable*1, power cable*1, extension pole (optional)

4. SPECIFICATIONS

4.1 Tech specifications

	Parameter	Information
TFT LCD	Display area	196.0（width）x147.0 (height)mm
	Display diagonal size	9.7inch
	Drive system	a-Si TFT-LCD active matrix
	Chromatic number	16.7M(6-bit+Hi-FRC)
	Pixel	1024(Horizontal)x768(Vertical)Pixel
	Pixel size	0.192（width）x 0.192（height）mm
	Aspect Ratio	4:3
	View Angle	Horizontal：70° Vertical：60°
	Response time	Ton（white 90％→black 10％）+Toff（black 10％→white 90％） 16-30ms(Typical value)
	Brightness	250cd/m^2 （Typical value）
Input Signal	Horizontal Frequency	55~75KHz
	Field Frequency	55~65Hz
	Signal Level	0.7Vp-p
Power Supply	Input Voltage	DC12V
	Input Current	1.5A(max)
Working condition	Temperature	-20～600
	Humidity	5～95%RH
Storage Condition	Temperature	-30～700
	Humidity	5～95%RH

4.2 Instructions

4.2.1 Button Function Description

POWER: Power Button。

MENU: MENU to display the main menu on the screen, select the adjustment items.

DOWN: Move the scroll bar down, reducing the adjusted value.

UP: Moving the scroll bar up, increase adjustment value.

EXIT: Return to the previous menu or exit the main menu. Hot key for automatically adjustment.

4.2.2 Indicator Status Description

Power Indicator Description

Working Status	Indicator Color	Indicator Status
Power off	off	dark
No signal/standby	red	bright
Over range	red	bright
Normal operation	yellow	bright

4.2.3 Basic Adjustment

on-screen menu system (OSD) can easily adjust various features of the screen image. The operations as follow:

1. Press MENU button to enter the OSD menu
2. Press UP / DOWN or + / - keys to select different submenus.
3. Press MENU button to enter selected submenus.
4. Press EXIT to exit the submenu, then press EXIT to exit the OSD menu.

1. Automatic Adjustment

Including automatic correction phase, clock, horizontal and vertical position

2. Automatic Color Adjustment

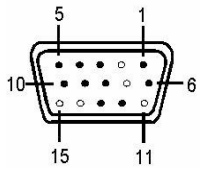
Including automatic correction contrast and color. According to working environment and customer requirements please adjust the brightness, contrast and RGB color.

3. Setting the DOS system display mode

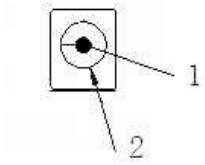
In DOS mode,most of the graphics card output as text mode(720x400), some of the graphics card output as graphics mode (640x400), please select the correct display mode accordingly.

4.3 Connector

4.3.1 VGA connector and pin assignment

VGA output connector	pin	function	pin	function	pin	function
	1	red	6	Red circuit （ground）	11	disconnect
	2	green	7	Green circuit （ground）	12	SDA（DDC data）
	3	blue	8	Blue circuit （ground）	13	horizontal synchroniz
	4	disconnect	9	disconnect	14	vertical synchronization
	5	ground	10	ground Synchronous circuit）	15	SCL（DDC clock）

4.3.2Power connector and pin assignment

Power connector	pin	function
	1	12V
	2	GND

5. Maintenance

If the following listed solution can not solve your problem, please contact your dealer for further support.

Phenomenon	Solution
No image	Please check the monitor whether have connected with power.Whether the power is turned on and the button ON / OFF has been turned off the screen
No input signal	Please check whether VGA cable have connect correctly.
Out/beyond of synchronization	The input signal does not support the display mode, please refer to display mode
Image not in the center	Please try automatic correction or manually adjust Horizontal Position and vertical position and please refer to on-screen menu(OSM)system
The image is too bright or too dark	Please try Auto Color Correction or manually adjust RGB setting, please refer to on-screen menu(OSM) system
When Close Windows screen appears interference lines	Please try automatic correction or manually adjust Phase and Clock, please refer to on-screen menu system."
Can not adjust RGB setting	Please check the color temperature setting is in the USER state, only when the color temperature setting is in USER state the RGB settings can be adjusted