

SeaTronX ITD-10 Sunlight TouchScreen Display



SeaTronX ITD-10 Sunlight TouchScreen Display User Manual

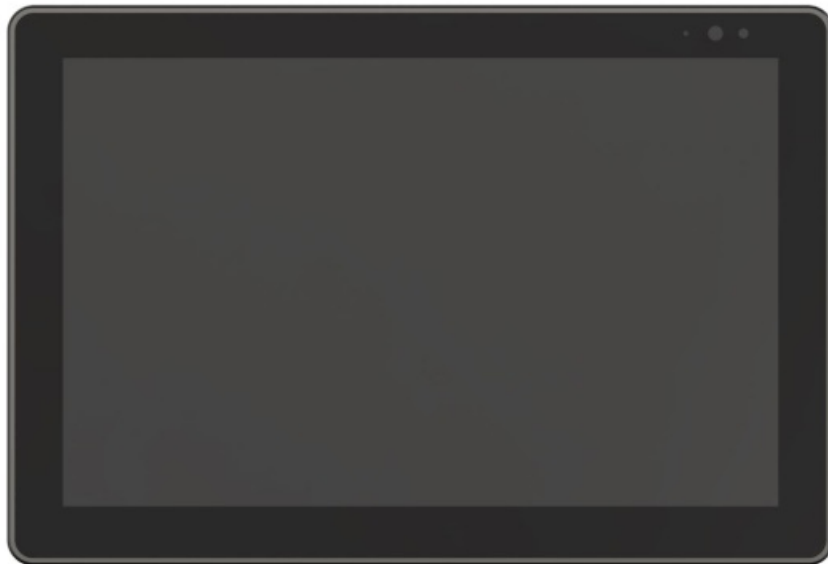
[Home](#) » [SeaTronX](#) » SeaTronX ITD-10 Sunlight TouchScreen Display User Manual 

Contents

- 1 [SeaTronX ITD-10 Sunlight TouchScreen Display](#)
- 2 [Product Description](#)
- 3 [Important Safety Instructions](#)
- 4 [Product Description](#)
- 5 [Menu Setting](#)
- 6 [Parameters](#)
- 7 [Accessories](#)
- 8 [Trouble Shooting](#)
- 9 [FAQs](#)
- 10 [Documents / Resources](#)
 - 10.1 [References](#)



SeaTronX ITD-10 Sunlight TouchScreen Display



Specifications

- HDMI Version
- VGA Version
- USB (for touch)
- HDMI DC Port
- USB (for touch) VGA DC Port

Product Description

Main Features

- **Power Button:** Power on/off
- **EXIT Button:** Return button for menu

Rear Case

- Power indicate light
- Infrared window
- Light sensor

Extension Cables (For Optional)

Menu Setting

Before setting the functions, please make sure the device is connected correctly.

MENU/ / Button

- Press MENU button, the menu will pop up on the screen. Then select item as the following sequences via pressing/button: PICTURE / FUNCTION / VGA / AUDIO / SYSTEM. Press the MENU button again to enter into the item you select.
- Press / button to adjust options or values in the selected item. Then press the MENU button to apply and save

the setting, and press EXIT button to exit.

- When the Menu is inactivated, press/the button to adjust the backlight. Then select item as the following sequences via pressing the MENU button: Volume / Contrast / Saturation / Brightness and Exit. Press / button again to adjust the value in the selected item.

Menu Operation

PICTURE

ITEMS	OPTIONS
Brightness	0-100
Contrast	0-100
Saturation	0-100
Hue	0-100
Sharpness	0-4
Gamma	Off / 1.8 / 2.0 / 2.2 / 2.4
Color Temperature	6500K / 7500K / 9300K / User
Red Gain, Green Gain, Blue Gain, Red Offset, Green Offset, Blue Offset	0-255 for gains, 0-511 for offsets

FUNCTION

ITEMS	OPTIONS
Scan Aspect	Aspect / Pixel To Pixel / Zoom
Overscan	Full / 16:9 / 1.85:1 / 2.35:1 / 4:3 / 3:2
Zoom	X1.5 / X2 / X3 / X4
Image Flip	Off / H&V / H / V
Freeze No Signal Model	Sleep / Off

Important Safety Instructions

The device has been tested for conformance to safety regulations and requirements, and has been certified for international use. However, like all electronic equipment, the device should be used with care. Please read and follow the safety instructions to protect yourself from possible injury and to minimize the risk of damage to the unit.

- Please do not place the display screen towards the ground to avoid scratching the LCD surface.
- Please avoid heavy impact.
- Please do not use chemical solutions to clean this product. Simply wipe with a clean soft cloth to maintain the brightness of the surface.
- Please do not block any vent hole.

- Please follow the instructions and trouble-shooting to adjust the product. Internal adjustments or repairs must be performed by a qualified technician.
- Please keep user guide for future reference.
- Please unplug the power if long-term no-use, or thunder weather.

Product Description

Main Features

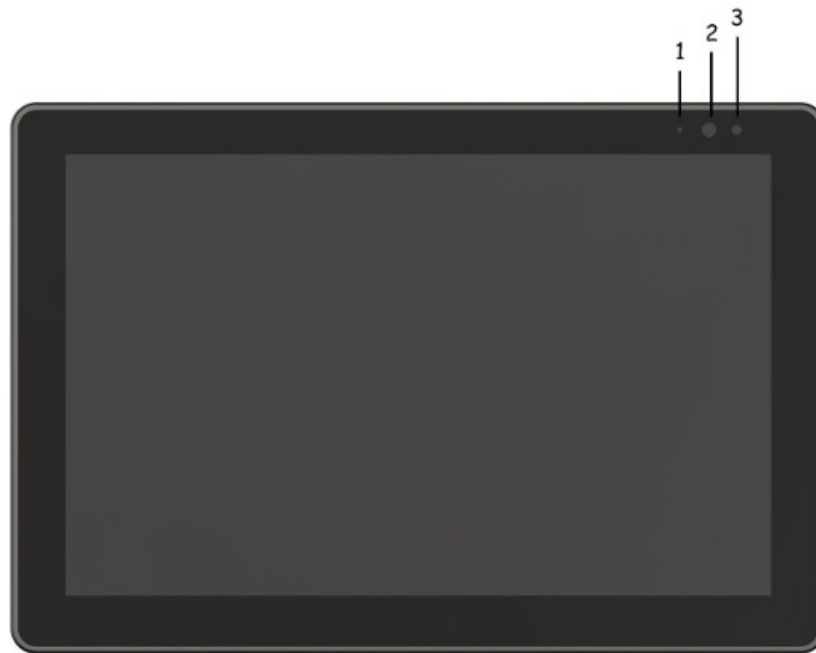
- 10-point capacitive touch screen
- 1500cd/m² high brightness
- Support multiple video input interfaces: HDMI, VGA, Type-C
- Extended cables with interfaces for optional
- Support HDMI 4K 30Hz
- Support Windows XP/7/8/8.1/10, Android, Linux and MAC OS

Rear Case



1. **Power Button:** Power on/off
2. **EXIT Button:** Return button for menu
3. **◀ Button:** Press it to decrease backlight as default when power on; Select options upward in the menu.
4. **▶ Button:** Press it to increase backlight as default when power on; Select options downward in the menu.
5. **MENU Button:** Press it to display the menu on the screen when power on. Press it to confirm the option selected.
6. **INPUT Button:** Switch among of VGA, HDMI and Type-C signals. Aspect function under VGA version and HDMI version.
7. **Power Input:** DC 12-24V
8. Type-C Input

- 9. VGA Input
- 10. HDMI 1.4b Input
- 11. Earphone Jack (3.5mm)



- 1. Power indicate light
- 2. Infrared window
- 3. Light sensor

Extension Cables (For Optional)

HDMI Version



VGA Version



Menu Setting

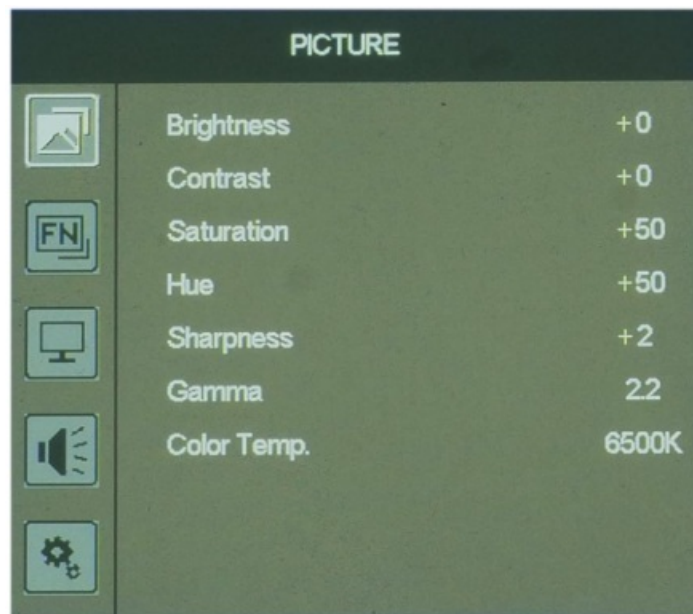
Before setting the functions, please make sure the device is connected correctly.

MENU/▷/◁ Button

- Press MENU button, the menu will pop up on the screen. Then select item as the following sequences via pressing ▷/◁ button: PICTURE /FUCTION / VGA / AUDIO /SYSTEM. Press MENU button again to enter into the item you select.
- Press ▷/◁ button to adjust options or values in the selected item. Then press MENU button to apply and save the setting, and press EXIT button to exit.
- When Menu is inactivated, press ▷/◁ button to adjust backlight. Then select item as the following sequences via pressing MENU button: Volume / Contrast /Saturation / Brightness and Exit. Press ▷/◁ button again to adjust the value in the selected item.

Menu Operation

PICTURE



ITEMS	OPTIONS		
Brightness	0-100		
Contrast	0-100		
Saturation	0-100		
Hue	0-100		
Sharpness	0-4		
Gamma	Off / 1.8 / 2.0 / 2.2 / 2.4		
Color Temperature	6500K / 7500K / 9300K / User		
	Red Gain	0-255	Note: Only available when under [User] mode to adjust R/G/B gain and offset.
	Green Gain	0-255	
	Blue Gain	0-255	
	Red Offset	0-511	
	Green Offset	0-511	
	Blue Offset	0-511	

- **Brightness**

Adjust the brightness of the LCD Screen, adjustable range: 0-100.

- **Contrast**

Adjust the contrast of image, adjustable range: 0-100.

- **Saturation**

Adjust the saturation, adjustable range: 0-100.

- **Tint**

Adjust the hue of the image, adjustable range: 0-100.

- **Sharpness**

Adjust the sharpness of image, adjustable range: 0-4.

- **Gamma**

Options: Off / 1.8 / 2.0 / 2.2 / 2.4

- **Color Temperature**

Options: 6500K / 7500K / 9300K / User. The standard color temperature is 6500K.

Note: Only available when under [User] mode to adjust R/G/B gain and offset.

FUNCTION



ITEMS	OPTIONS	
Scan	Aspect / Pixel To Pixel / Zoom	
Aspect	Full / 16:9 / 1.85:1 / 2.35:1 / 4:3 / 3:2	Only available under [Scan]-[Aspect] mode
Overscan	Off / On	Only available under [Scan]-[Aspect] and [Zoom] mode
Zoom	X1.5 / X2 / X3 / X4	Only available under [Scan]-[Zoom] mode
Image Flip	Off / H&V / H / V	
Freeze	Off / On	
No Signal Model	Sleep / Off	

- **Scan**

Options: Aspect / Pixel To Pixel / Zoom.

Note: Under [Pixel To Pixel] mode, Aspect, Display scan and Zoom cannot be adjusted. Under [Zoom] mode, Aspect cannot be adjusted.

- **Aspect**

Options: Full / 16:9 / 1.85:1 / 2.35:1 / 4:3 / 3:2.

Note: Only available under [Scan]-[Aspect] mode.

- **Overscan**

Options: Off / On

- **Zoom**

Options: X1.5 / X2 / X3 / X4

Only available under [Scan]-[Zoom] mode. Users can select zoom ratio according to different needs.

- **Image Flip**

Options: Off / H&V / H / V

- **Freeze**

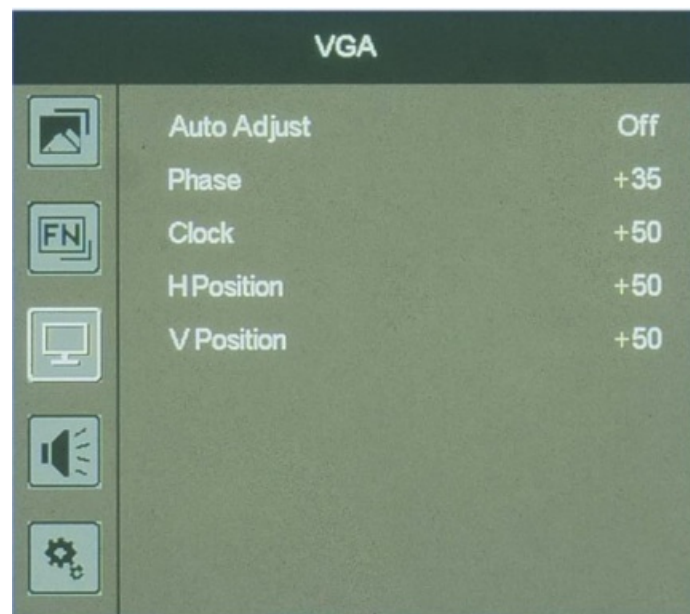
Options: On / Off.

Activate freeze function to freeze current picture when playing the video.

- **No Signal Model**

Options: Sleep / Off

VGA



ITEMS	OPTION
Auto Adjust	On / Off
Phase	0-100
Clock	0-100
H-Position	0-100
V-Position	0-100

- **Auto Adjust**

Select [On], the monitor can automatically adjust the position of the image. Select [Off], users can manually adjust the position of the image.

- **Phase**

Adjust internal phase sequence difference. Adjustable range: 0-100.

- **Clock**

Adjust internal oscillation frequency when interference occurs. Adjust this item, the image can be compressed or stretched left or right. Adjustable range: 0-100.

- **H-Position**

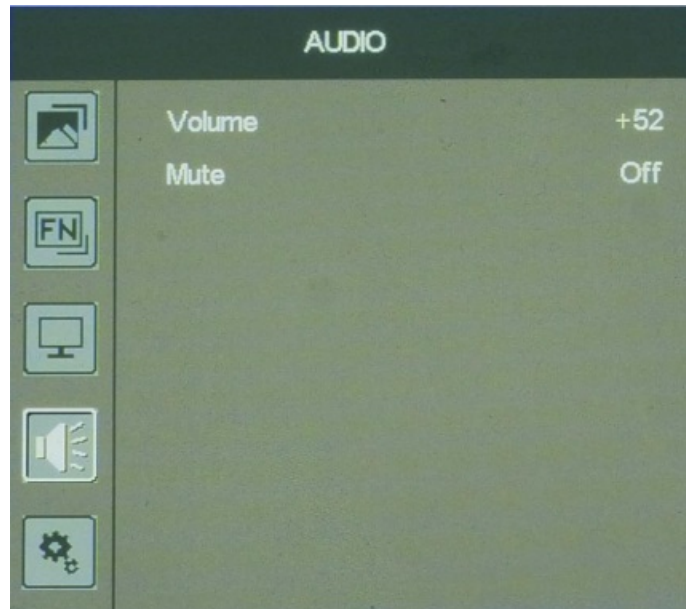
Horizontally adjust the position of the image on the screen. Adjustable range: 0- 100.

- **V-Position**

Vertically adjust the position of the image on the screen. Adjustable range: 0- 100.

Note: Only available under VGA mode.

AUDIO



ITEMS	OPTION
Volume	0-100
Mute	On / Off

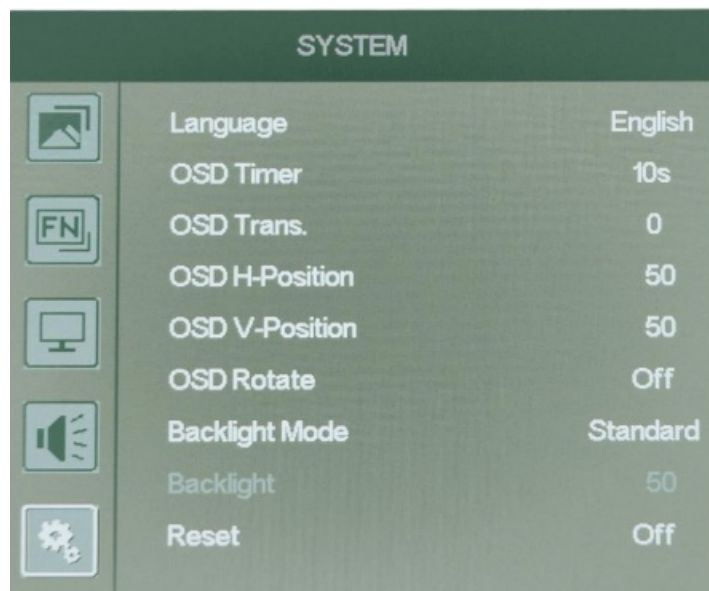
- **Volume**

Adjust the volume of built-in speaker or earphone. Adjustable range: 0-100.

- **Mute**

Stop any audio output.

SYSTEM



ITEMS	OPTION
Language	English /
OSD Timer	10s / 20s / 30s
OSD Trans.	0-100
OSD H-Position	0-100
OSD V-Position	0-100
OSD Rotate	Off / 90° / 180° / 270°
Backlight Mode	Standard / User / Sensor
Backlight	0-100
Reset	Off / On

- **Language**

Options: English

- **OSD Timer**

Options: 10s / 20s / 30s.

- **OSD Trans.**

Adjust the transparency of OSD. Adjustable range: 0-100

- **OSD H-Position**

Adjust the OSD Horizontal Position. Adjustable range: 0-100

- **OSD V-Position**

Adjust the OSD Vertical Position. Adjustable range: 0-100

- **OSD Rotate**

Adjust the OSD Rotate. Options : Off / 90° / 180° / 270°

- **Backlight Mode**

- **Options:** Standard / User / Sensor
- **Standard:** Standard Backlight default as 50
- **User:** Change backlight as required;

- **Sensor:** Adjust the backlight according to environment.

- **Backlight**

Adjustable range: 0-100.

- **Reset**

If there is any problem unknown, please select [On]. The monitor will restore factory defaults.

Parameters

Screen Size	10.1"
Physical Resolution	1920 x 1200
Aspect Ratio	16:10
Brightness	1500cd/m ²
Contrast	1000:1
Viewing Angle	170°/ 170°(H/V)
Touch	Without touch / 10-point capacitive touch (for optional)
Input	HDMI, VGA, Type-C
Output	Earphone jack
Input Voltage	DC 12-24V
Power Consumption	≤19W (12V)
Operating Temperature	-20°C ~ 60°C
Storage Temperature	-30°C ~ 80°C
Water-proof	IPx5 (only available for the monitor with extension cable)
Dust-proof	IP6x (only available for the monitor with extension cable)
Dimension (LWD)	251x170x33mm

VESA Mount	75mm
Weight	820g

Accessories



Standard

1. 12V/3A DC Adapter 1 piece
2. HDMI A-A cable 1 piece
3. USB-C-C cable (with screw) 1 piece
4. USB-A-C cable (for touch version only) 1 piece



Optional IP65 Frame

1. 12V/3A DC Adapter 1 piece
2. HDMI A-A cable 1 piece
3. VGA cable 1 piece
4. USB-A-A cable (for touch) 1 piece



Optional

1. VESA 75MM Bracket
2. Remote Control

Trouble Shooting

- **Only black-and-white display:** Check whether the color saturation is properly setup or not.
- **Power on but no pictures:** Check whether the cables of AV, HDMI, and VGA are correctly connected or not. Please use the standard power adapter coming with the product package. Improper power input may cause damage.
- **Wrong or abnormal colors:** Check whether the cables are correctly and securely connected or not. Broken or loose pins of the cables may cause a bad contact.
- **Other problems:** Please press MENU button, choose [SYSTEM]→ [Reset]→[On].

Note: Due to constant effort to improve products and product features , specifications may change without notice

FAQs

Q: How do I adjust the brightness and contrast settings?

A: In the MENU settings, navigate to PICTURE and then select Brightness or Contrast using the corresponding buttons. Adjust the values using the / buttons and save the setting by pressing MENU.

Q: What are the available options for Color Temperature?

A: The available options for Color Temperature are 6500K, 7500K, 9300K, and User-defined. You can select these options under PICTURE settings.

Q: How do I set the Scan Aspect?

A: In the FUNCTION settings, navigate to Scan Aspect and choose between Aspect, Pixel To Pixel, or Zoom options based on your preference.

Documents / Resources

ITD-10 User Manual 	SeaTronX ITD-10 Sunlight TouchScreen Display [pdf] User Manual ITD-10 Sunlight TouchScreen Display, Sunlight TouchScreen Display, TouchScreen Display, Display
--	--

References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

This website is an independent publication and is neither affiliated with nor endorsed by any of the trademark owners. The "Bluetooth®" word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. The "Wi-Fi®" word mark and logos are registered trademarks owned by the Wi-Fi Alliance. Any use of these marks on this website does not imply any affiliation with or endorsement.