



MicroTouch DT-215P-A1 Desktop Touch Monitor User Manual

[Home](#) » [MICROTOUCH](#) » MicroTouch DT-215P-A1 Desktop Touch Monitor User Manual 



Contents

1 About This Document
2 Compliance Information
3 Important Safety Instructions
4 Product Overview
5 Package Contents
6 Product Setup and Use
7 On-Screen Display (OSD)
8 OSD Default Settings
9 Mounting options
10 Specifications and Dimensions
11 Dimensions (without stand)
12 Optional Accessory
Installation
13 Appendix
14 Documents / Resources
14.1 References

About This Document

No part of this publication may be reproduced, transmitted, transcribed, stored in a retrieval system, or translated into any language or computer language, in any form or by any means, including, but not limited to, electronic, magnetic, optical, chemical, manual, or otherwise without prior written permission of MicroTouch™ a TES Company.

Compliance Information

For FCC (USA)

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. this device may not cause harmful interference, and
2. this device must accept any interference received, including interference that may cause undesired operation.

For IC (Canada)

CAN ICES-3(B)/NMB-3(B)

For CE (EU)

The device complies with the EMC Directive 2014/30/EU and Low Voltage Directive 2014/35/EU

Disposal Information

Waste Electrical and Electronic Equipment



This symbol on the product indicates that, under the European Directive 2012/19/EU governing waste from electrical and electronic equipment, this product must not be disposed of with other municipal waste. Please dispose of your waste equipment by handing it over to a designated collection point for the recycling of waste electrical and electronic equipment. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate these items from other types of waste and recycle them responsibly to promote the sustainable reuse of material resources.

For more information about recycling of this product, please contact your local city office or your municipal waste disposal service.

Important Safety Instructions

Before using this monitor, please read the user manual thoroughly to help protect against property damage and to ensure your personal safety and the safety of others.

Be sure to observe the following instructions.

For installation or adjustment, please follow the instructions in this manual and refer all servicing to qualified service personnel.

Usage Notice



Warning

To prevent the risk of fire or shock hazards, do not expose the product to moisture.



Warning

Please do not open or disassemble the product, as this may cause electric shock.



Warning

The AC power cord must be connected to an outlet with ground connection.

Precautions

Please follow all warnings, precautions and maintenance as recommended in this user's manual to maximize the life of your unit.

Do:

Disconnect the power plug from AC outlet if the product is not going to be used for an extended period of time.

Don't:

Do not operate the product under the following conditions:

Extremely hot, cold or humid environment.

Areas susceptible to excessive dust and dirt.

Near any appliance generating a strong magnetic field.

Warnings

To turn off monitor power, press "Power" on the OSD wired remote.

When turning off the monitor by pressing the POWER button on the remote keypad, the main power of the monitor is not turned off completely.

To disconnect power completely, remove the power plug from the outlet.



If any of the following occur, remove the power plug from the outlet immediately: the monitor is dropped; the housing is damaged; water is spilled onto or objects dropped inside the monitor.

Failure to immediately remove the power plug may result in fire or electrical shock.

Contact qualified service personnel for inspection.



If the power cord or plug is damaged or becomes hot, turn the monitor off, make sure the power plug has cooled down and remove the power plug from the outlet.

If the monitor is still used in this condition, it may cause fire or electrical shock.

Contact your dealer for replacement.



Warning This product can expose the user to chemicals, including lead, which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to

www.P65Warnings.ca.gov

Installation Tips

No Touch Screen Drivers Required

MicroTouch Touch Monitors are plug and play when connected to Windows 7 or later Windows devices; Kernel 3.2 for most builds of Linux; Android 1.0 and most other modern Operating Systems. If you have a non-Plug and Play

operating system, please refer to the Technical Support Section of www.microtouch.com or contact MicroTouch Technical Support to inquire about driver support for your particular operating system.

Things to avoid

Don't install in a high-temperature environment. Operating temperature: 0°C to 40°C (0°F to 104°F), storage temperature -20 °C – 60 °C (-4°F to 140°F). If the monitor is used in a high temperature environment or near any heat sources, the case and other parts may become distorted or damaged, resulting in overheating or electrical shock.

Don't install in a high-humidity environment.

Operating humidity: 20-90%

Don't insert the power plug into anything other than a grounded 100-240V AC outlet.

Don't use a damaged power plug or worn outlet.

The use of extension cords is not recommended.

The use of the power supply that comes with the MicroTouch product is strongly recommended.

Don't place the monitor on an unstable shelf or surface.

Don't place objects on the monitor.

If the monitor is covered or the vents are blocked, the monitor could overheat and cause a fire.

Please keep a 10 cm minimum distance between the monitor and the surrounding structures to allow sufficient ventilation.

Don't move the monitor when it is connected to the power cord and AV cables.

When moving the monitor, make sure to remove the power plug and cables from the outlet or source.

If you encounter a problem during installation, please contact your dealer for assistance. Do not attempt to repair or open the monitor.

Product Overview

This desktop monitor is designed and developed to provide a flexible desktop touch screen solution with easily installed optional Camera and MSR accessories.

Key Features

Size: 21.5" TFT LCD

Resolution: 1920 x 1080

Contrast Ratio: 1000:1

Aspect Ratio: 16:9

Brightness: 225 cd/m²

View Angle: H:178°, V:178°

Video Port: 1 VGA (DB15), 1 HDMI, 1 DP (1 USB Type C via Alt Mode for DP video support)

100 mm x 100 mm VESA mount

P-cap touch with up to 10 simultaneous touches

Plug and Play: no touch driver installation required for most modern operating systems


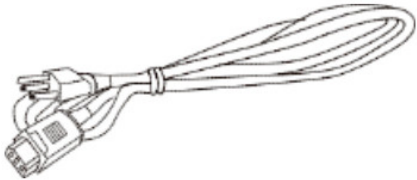
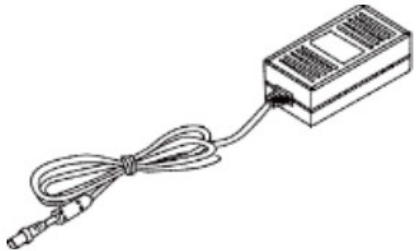
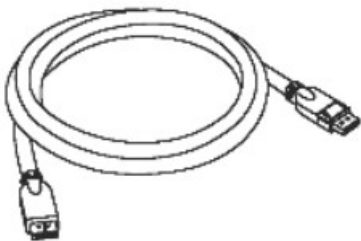

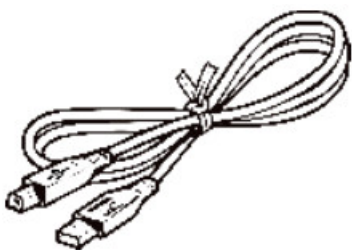
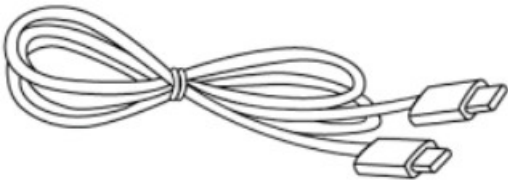

Warranty: 3 years

Unpacking

When unpacking please ensure that all the items in the following Accessories section are included. If any are missing or damaged, please contact the place of purchase for a replacement.

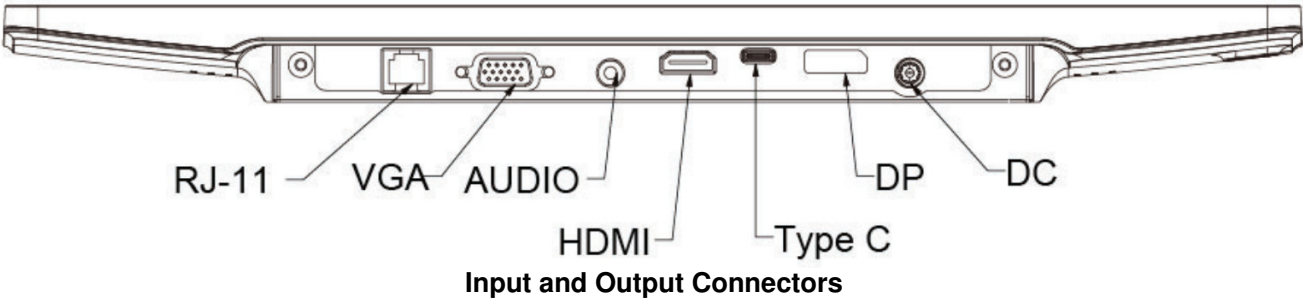
Package Contents

No.	Part	Picture	Qty
-----	------	---------	-----

	LCD Monitor		1
2	AC Power Cord IEC C15/C16 (1.8 m)		1
3	AC-DC Converter		1
4	DP (Display Port) cable (1.8 m)		1
5	HDMI cable (1.8 m)		1
6	USB Type-C to USB A CABLE (1.8 m)		1
7	USB Type-C cable (1.8 m)		1
8	Audio Cable (1.8 m)		1

9	OSD Wired Remote		1
---	------------------	---	---

Product Setup and Use



Power, OSD and Audio Connectors

DC: Power connector (Center pin: + 12 vdc; Barrel: ground).

RJ-11: Connector for the on-screen display (OSD) remote controller, which is used to access the onscreen display menu to select the various options, and to turn the monitor on/off.

AUDIO: Audio input connector

Video Signal Input Connectors

DP (Display Port): Digital video input.

HDMI: Digital video input.

VGA: Analog video input.

Type-C (in some cases; see Configuration and Cable Options section for details)

Touch Output Connector

Type-C is the USB Type-C touch function output (USB Type-C to Type-A adapter cable included)

Configuration and Cable Options

Single-cable option: The USB Type-C cable can supply monitor power, video signal, audio signal and touch functionality if the computer/source equipment has a USB Type-C output that is capable of supplying those functions (USB Type-C with DP ALT mode and 12VDC @ 5A power). Not all USB Type-C sources have all the functionality; consult the documentation for your equipment. It is very important that the MicroTouch-supplied USB Type-C cable be used when using the single cable option.

Multiple-cable options: If the computer/source equipment does not have a USB Type-C port that supports 12VDC @ 5A power output, power is supplied by the included AC-to-DC power converter's fixed 12 volt DC cable connector. Plug the DC barrel connector into the DC IN jack on the monitor. Plug the AC power cable female connector into the receptacle on the power converter, then plug the male connector of the AC cable into a wall outlet.

If the computer/source equipment has a USB Type-C port that supports DP ALT mode, then the TypeC connection from computer to monitor will serve as the video connection. This connection also is the monitor's touch output connection.

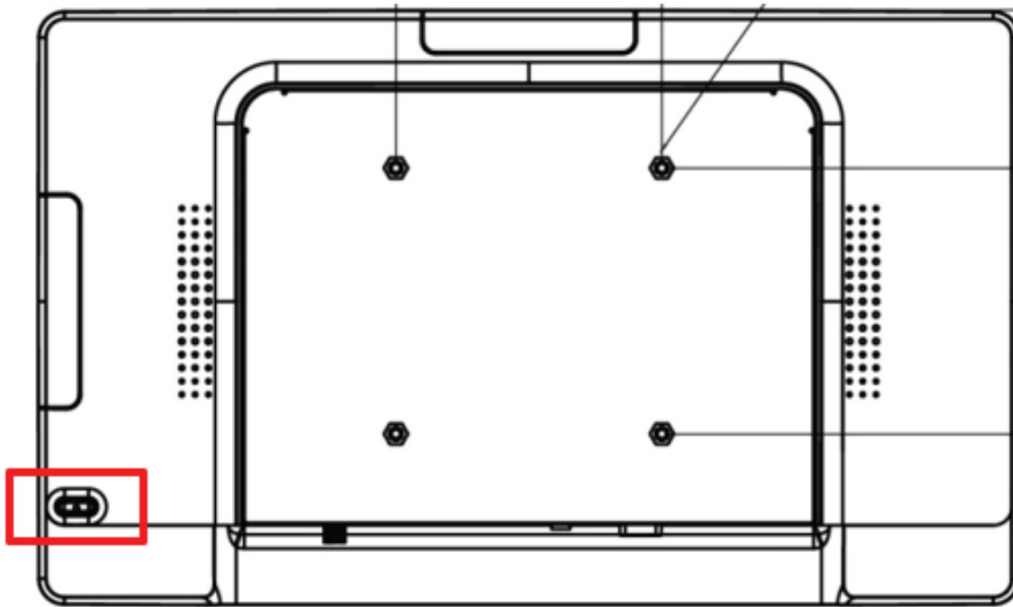
If a USB Type-C connector is not available on the computer/source equipment, connect one end of the Type C -to-C cable to the monitor's Type-C connector and connect the USB Type-C to Type A adapter cable to the other end, then connect the Type-A connector to the computer/source USB TypeA connector. This connection will serve as

the touch monitor's touch output connection and the HDMI cable must be connected from the monitor to the computer/source to supply the video connection.

Connect the on-screen display remote controller to the RJ-11 connector. The on-screen remote provides the power on/off function as well as image adjustment options.

Turning the Monitor On and Off

There is a Power On/Off switch on the back of the monitor, as outlined in red below:



Power can also be controlled by the OSD wired remote:

When the monitor is on, pressing the Power button will open a pop-up that asks if the monitor is to be turned off. If yes, press the Power button again. Press the Power button one more time in response to the final popup to turn the monitor off.

Note: If there is no video input signal for a preset period, the monitor will automatically go into standby mode.

On-Screen Display (OSD)

Using the OSD Wired Remote

This monitor provides an RJ45 port for connecting the OSD wired remote. The following is the OSD keypad function table:



Button	Normal Video Display	When OSD Menu is Displayed
MENU	Activate the main menu	Exit selection / Exit OSD
▲	Brightness Adjust	Menu Up / Adjust Up
▼	Mute Audio	Menu Down / Adjust Down
SELECT	Select Video Source	Select the highlighted item
⏻	Power on / Power off	

Locking the OSD and Power button functions

Lock OSD: prevents all the monitor settings from being changed. When this function is activated, all OSD controls and hotkey operations will be disabled except for the Power button.

Lock Power button: Prevents monitor from being turned off by the Power button. The monitor will power on automatically when power is applied.

Either or both functions may be locked.

To Lock/Unlock the OSD/Power buttons:

1. Press and hold Select for 5 seconds until the Lock menu appears, showing OSD “Active” (not locked) or “Inactive” (locked) and Power Active or Inactive.
2. Use the UP/Down buttons to highlight OSD or Power.
3. Press Select.
4. Use Up/Down buttons to select Yes or No (to change the setting).

5. Press Select.
6. The menu will go away after a few seconds and the selected item will lock if unlocked or unlock if locked, or Menu can be pressed to exit and take effect immediately.

Using the OSD Menus

Navigating through the Menu System

With the power on, press MENU and the on-screen menu will pop up.

Within the menu, use ▲, ▼ and SELECT to navigate through the menus and adjust options.

Press MENU to return to the previous menu or exit the OSD menu. The OSD menu will automatically close if left idle for a pre-set time.

Picture Menu

This menu is used for making common image adjustments. Note that some of the adjustments may be grayed out (as seen in the example below), indicating that they are not selectable. This indicates the use of a digital video input signal (DP or HDMI). These selections are fixed/not adjustable for digital video signals. The VGA video signal (because it is analog) may require all adjustments, so they are all selectable when VGA is being used.



Contrast

Increases or decreases the contrast of the picture. Press ▲ or ▼, select the desired level, and then press SELECT.

Range: 0-100

Brightness

Increases or decreases the brightness of the picture. Press ▲ or ▼, select the desired level, and then press SELECT.

Range: 0-100

H-Position

Adjust the horizontal position of the picture. Press ▲ or ▼ to select the desired level, and then press SELECT.

Selectable only when VGA input is in use.

Range: 0-100

V-Position

Adjust the vertical position of the picture. Press ▲ or ▼ to select the desired level, and then press SELECT.

Selectable only when VGA input is in use.

Range: 0-100

Phase

Adjust the pixel phase of the picture. Press ▲ or ▼ to select the desired level, and then press SELECT.

Selectable only when VGA input is in use.

Range: 0-100

Clock

Adjust the horizontal dot of the picture. Press ▲ or ▼ to select the desired level, and then press SELECT.

Selectable only when VGA input is in use.

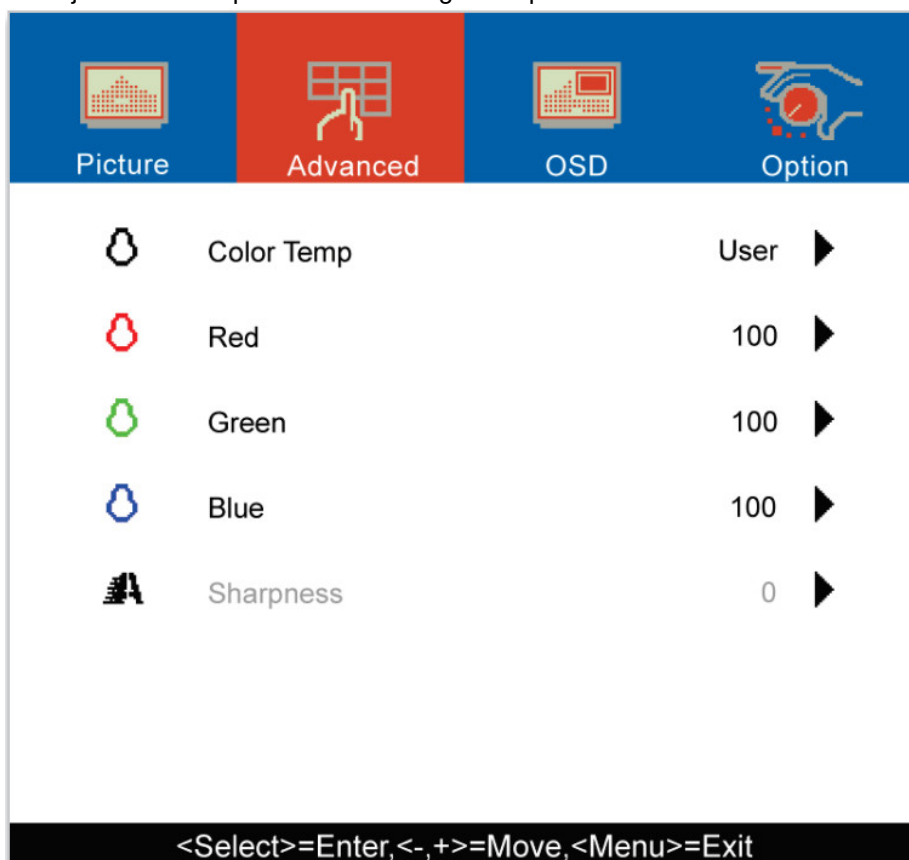
Range: 0-100

Auto Adjust

Adjust and fine-tune the image to full screen automatically. Selectable only when VGA input is in use.

Advanced Menu

This menu is used to adjust color temperature and image sharpness.



Color Temp

Select the color temperature

Options: 5500K, 6500K, 7500K, 9300K, User

Red

Adjust the amount of red in color content

Range: 0-100

Green

Adjust the amount of green in color content

Range: 0-100

Blue

Adjust the amount of blue in color content

Range: 0-100

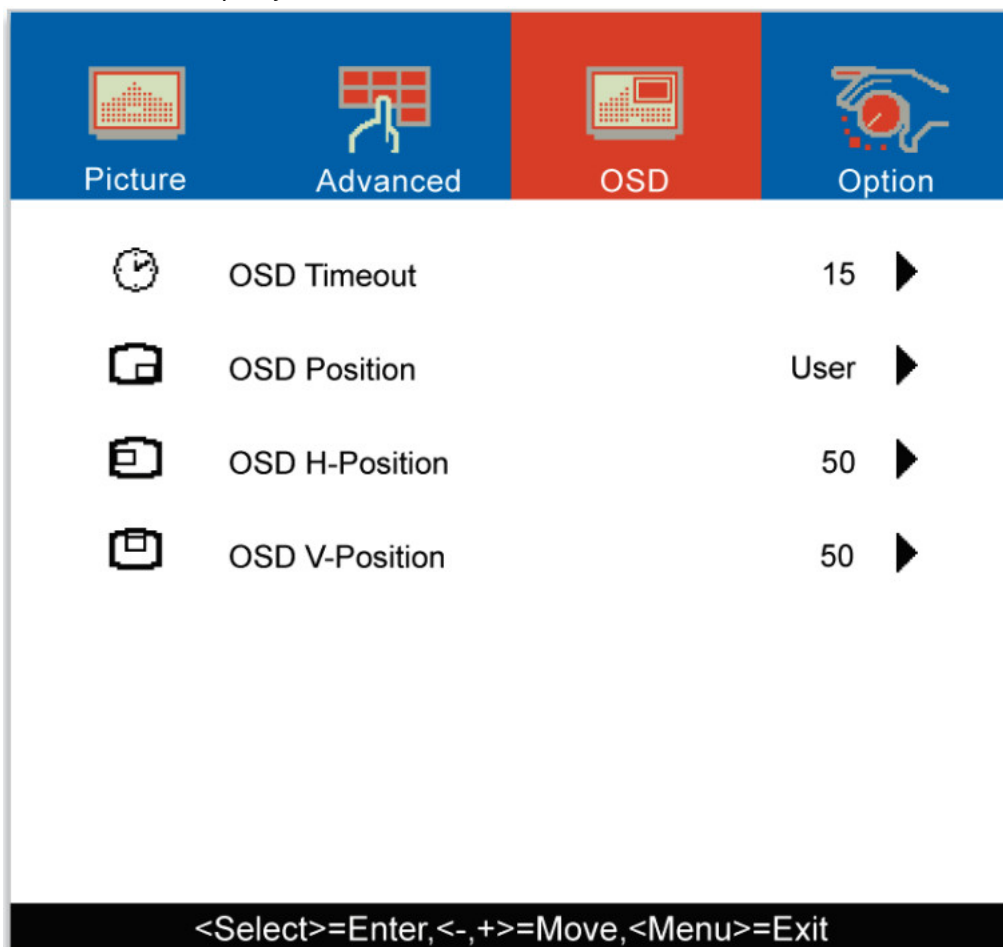
Sharpness

Adjusts the definition of the picture. Press ▲ or ▼, select the desired level, and then press SELECT. Selectable only when VGA input is in use.

Range: 0-50

OSD Menu

This menu is used to make set-up adjustments to the OSD menu itself, as well as other on-screen messages.



OSD Timeout

Adjusts the time in seconds before the OSD menu disappears after no usage.

Range: 0-60 sec

OSD Position

Selects the OSD Position (center or corners). Press ◀ ▶ to select the rotation.

Options: Top Left, Bottom Left, Top Right, Bottom Right, Center

OSD H-Position

Adjusts the horizontal position of the OSD menu. Press ▲ or ▼ to select the desired horizontal position, then press SELECT.

Range: 0-100

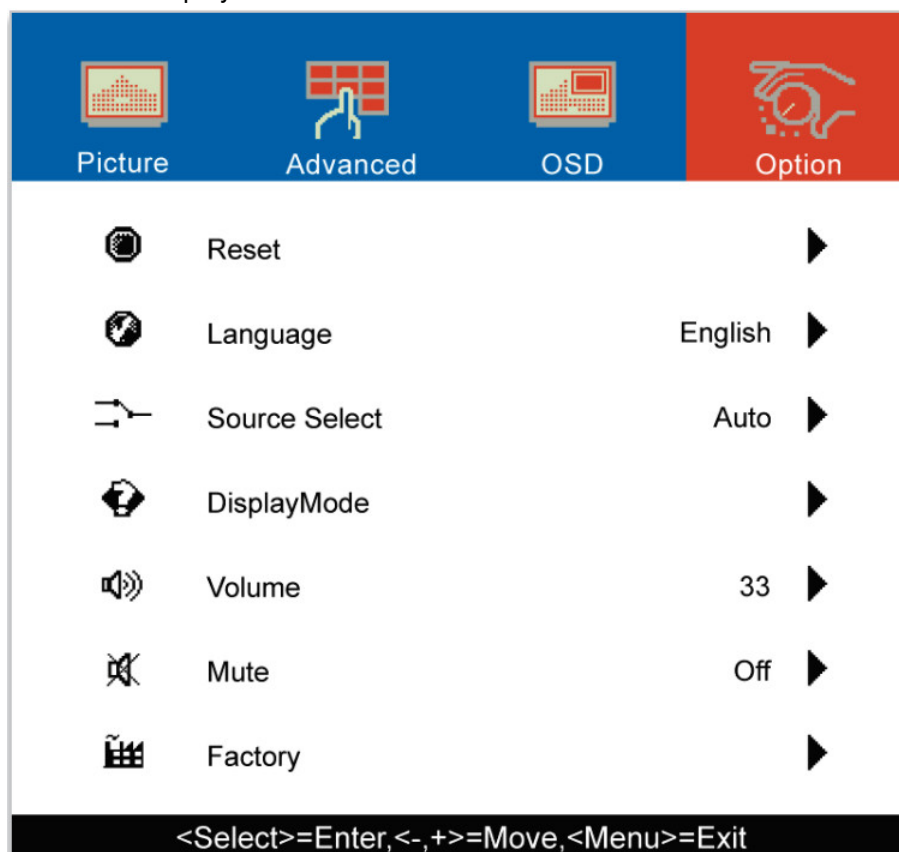
OSD V-Position

Adjust the vertical position of the OSD menu. Press ▲ or ▼ to select the desired vertical position, then press SELECT.

Range: 0-100

Option Menu

This menu is used to select or display various functions.



Reset

Restore the factory default settings.

Options: Yes, No

Language

Select the OSD language

Options: English, French, Deutsch, Italian, Spanish, Japanese, Traditional Chinese and Simplified Chinese

Source Select

Select the Video Input Source

Options: Auto, VGA, HDMI, DP

Display Mode

Display the current video source and resolution information.

Factory

Enter factory mode

This is only for maintenance service only. Do not use this function.

OSD Default Settings

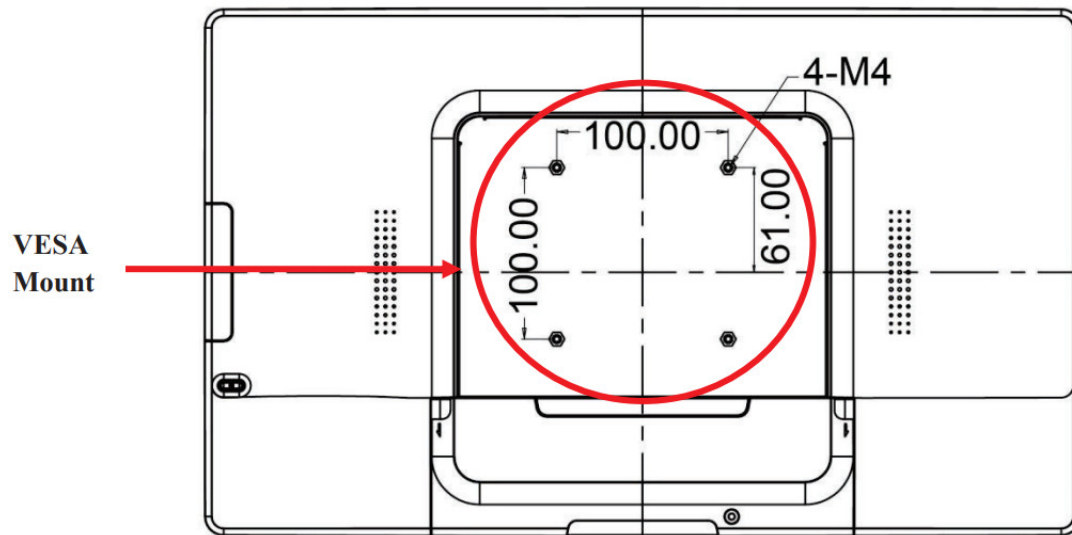
Menu	Parameter	Default Settings
Picture	Contrast	50
	Brightness	100
	H-Positon	N/A
	V-Positon	N/A
	Phase	N/A
	Clock	N/A
	Auto Adjust	N/A
Advanced	Color Temp	User
	Sharpness	50
OSD	OSD Timeout	15
	OSD Positon	User
	OSD H-Positon	50
	OSD V-Positon	50
Option	Reset	N/A
	OSD Language	English
	Source Select	Auto
	Display Mode	N/A
	Volume	50
	Mute	Off (audio enabled)
	Factory	N/A

Mounting options

The monitor may be mounted to a stand or other device that has a 100mm x 100mm standard VESA mount hole pattern.

VESA Mount

The monitor has an integral VESA standard mount pattern that conforms to the “VESA Flat Display Mounting Interface Standard” which defines a physical mounting interface and corresponds to the standards for monitor mounting devices.



Warning

Please use the correct screws! The distance between the back cover surface and the bottom of the screw hole is 8 mm. Please use four M4 diameter screws with 8 mm length to mount the monitor.

Specifications and Dimensions

Specifications

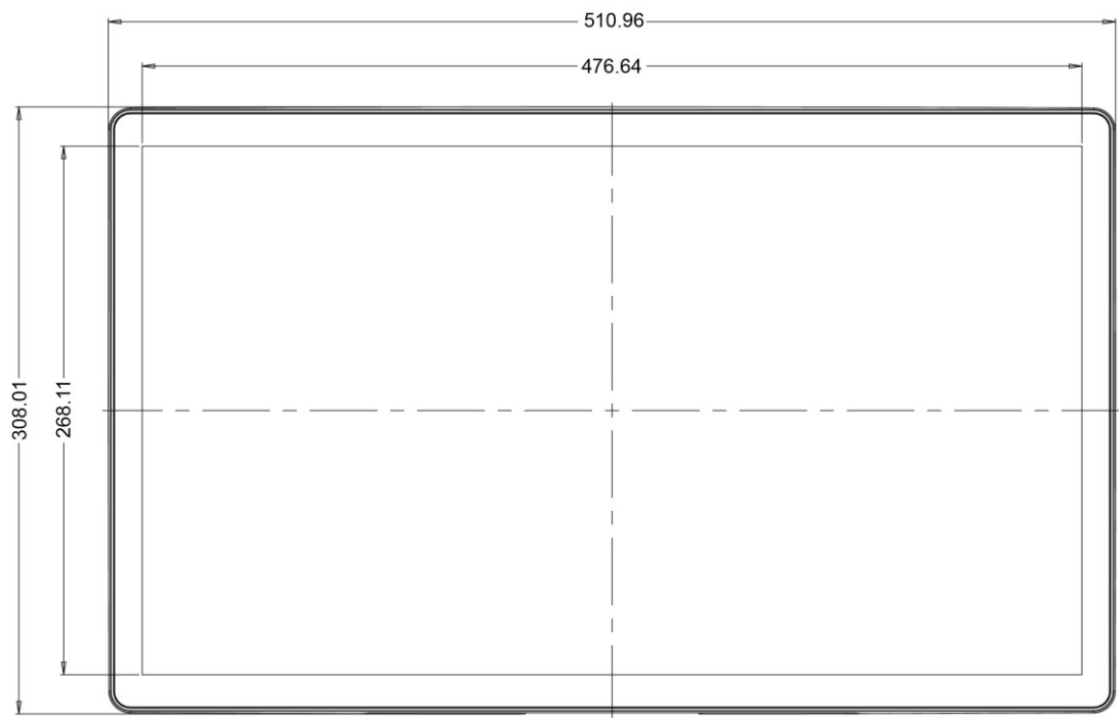
Item	Category	Specifications
LCD Panel	Size	21.5" TFT LCD
	Resolution	1920 x 1080
	Brightness (typical)	225 nits
	Contrast Ratio (typical)	1000:1
	Number of Colors	16.7 million
	Viewing Angle (typical)	Horizontal: 178 degrees; Vertical: 178 degrees
Touch Screen	Touch Type	P-CAP
	Simultaneous touch points	Up to 10
Video	Type	DisplayPort 1.2a HDMI 1.3 (Compatible with HDMI 1.4) VGA USB Type C (via Alt Mode for DP video support)
Power	AC Adapter Input	AC 100V – 240V (50/60Hz), 60W max
	AC Adapter Output	12VDC, 5A max
	Monitor On	20W typical, 24W max (1.25A typ, 2A max)
	Power Saving	Sleep mode: ≤ 1W; Off: ≤ 0.5W
Size and Weight	Dimensions (W x H x D) Without stand	510.96 mm x 308.01 mm x 37.9 mm
		20.12 in x 12.13 in x 1.49 in
	Dimensions (W x H x D) With IS-156-A1 Stand	510.96 mm x 322.28 mm x 172.98 mm
		20.12 in x 12.69 in x 6.81 in
	Net Weight	4.05 kg without stand, 5.62 kg with IS-215-A1 stand 8.93 lb without stand, 12.39 lb with IS-215-A1 stand
	VESA Mount	100 mm x 100 mm
Environment	Compliance	CE, FCC, LVD, RoHS
	Operating Temperature	0°C – 40°C
	Storage Temperature	-20°C – 60°C
	Operating Humidity	20% – 90% RH, non-condensing

Supported Timings

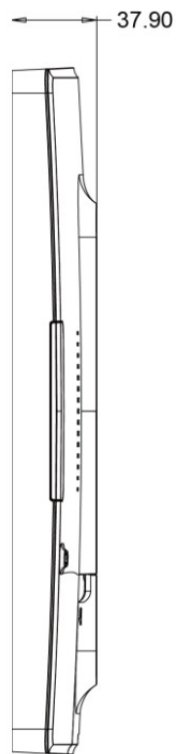
Mode	Resolution	H-Freq. (KHz)	Bandwidth (MHz)	Polarity	
				H	V
1	720 x 400 @ 70Hz	31.47	28.322	—	+
2	640 x 480 @ 60Hz	31.47	25.175	—	—
3	640 x 480 @ 66Hz	35	32.24	—	—
4	640 x 480 @ 72Hz	37.86	31.5	—	—
5	640 x 480 @ 75Hz	37.5	31.5	—	—
6	800 x 600 @ 56Hz	35.16	36	+	+
7	800 x 600 @ 60Hz	37.88	40	+	+
8	800 x 600 @ 75Hz	46.88	49.5	+	+
9	800 x 600 @ 72Hz	48.08	50	+	+
10	832 x 624 @ 75Hz	49.72	57.283	—	—
11	1024 x 768 @ 60Hz	48.36	65	—	—
12	1024 x 768 @ 70Hz	56.48	75	—	—
13	1024 x 768 @ 75Hz	60.02	78.75	+	+
14	1280 x 1024 @ 60Hz	64	108	+	+
15	1280 x 1024 @ 75Hz	80	135	+	+
16	1152 x 864 @ 75Hz	67.5	108	+	+
17	1280 x 960 @ 60Hz	60	108	+	+
18	1440 x 900 @ 60Hz	56	106.5	—	+
19	1440 x 900 @ 75Hz	70.6	136.75	—	+
20	1680 x 1050 @ 60Hz	65.2	146	—	+
21	1680 x 1050 @ 75Hz	82.3	187	—	+
22	1280 x 768 @ 60Hz	47.776	79.5	—	+
23	1920 x 1080 @ 60Hz	67.5	148.5	+	+

Dimensions (without stand)

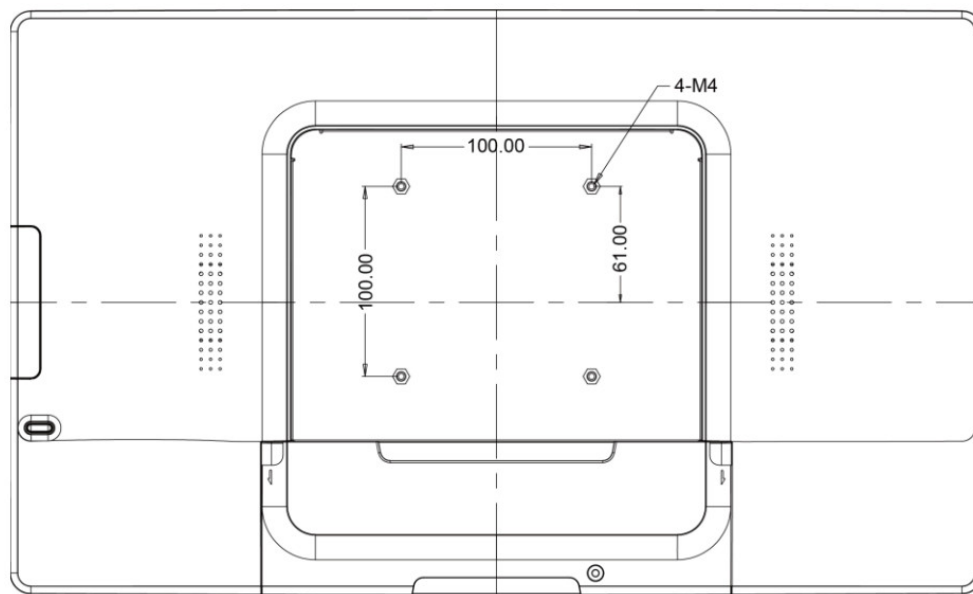
Front view



Side View

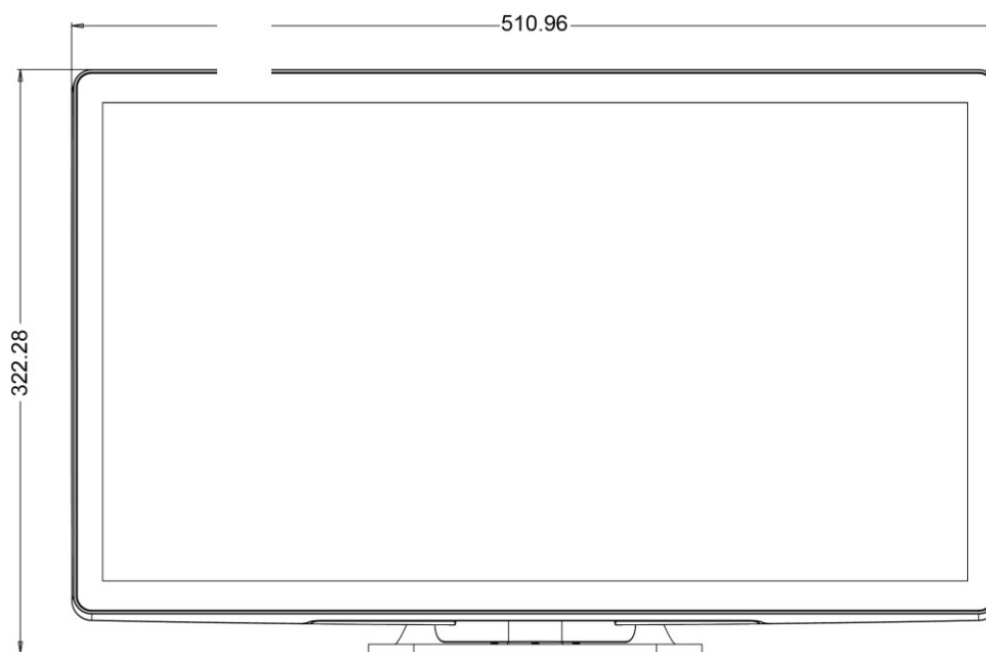


Rear View

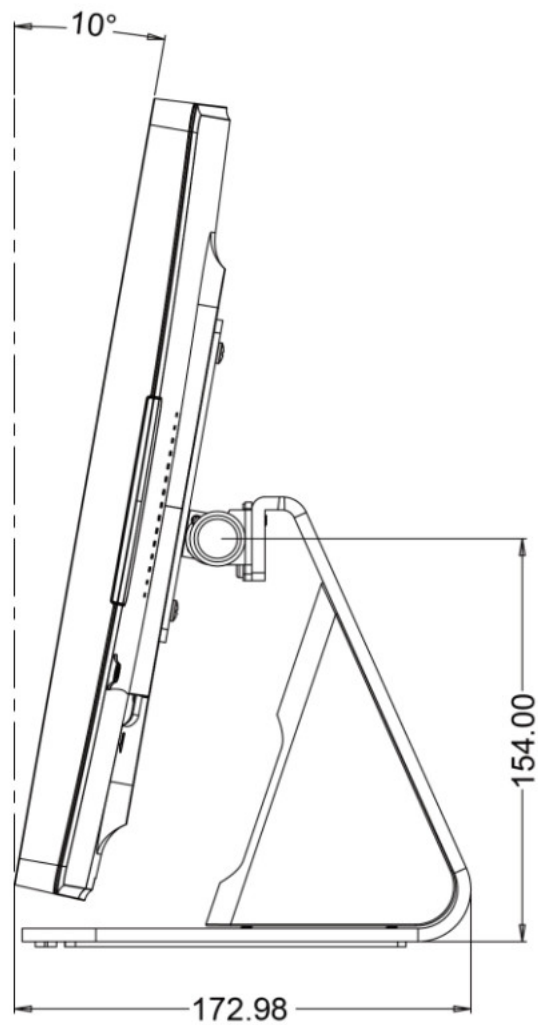


Dimensions (with stand)

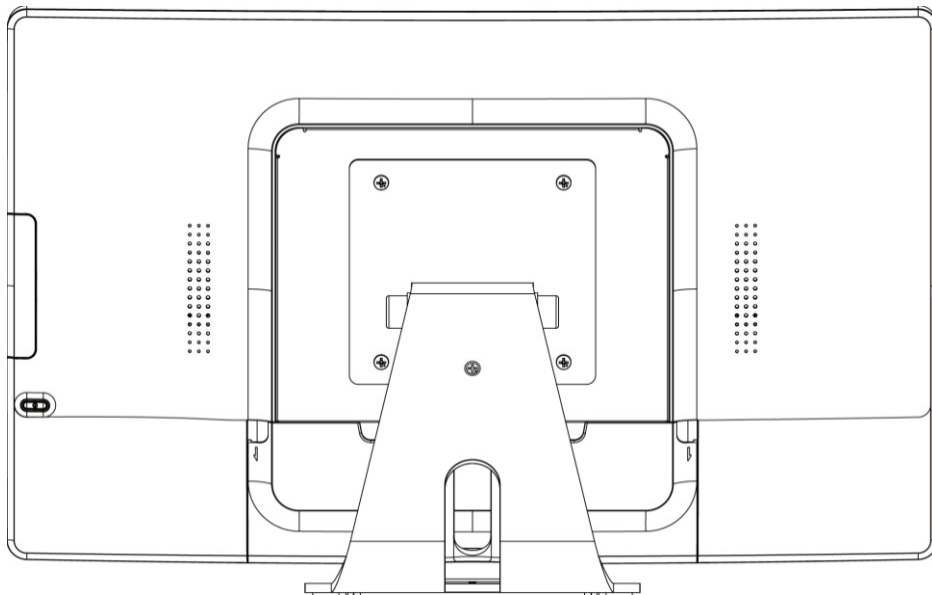
Front view



Side View



Rear View



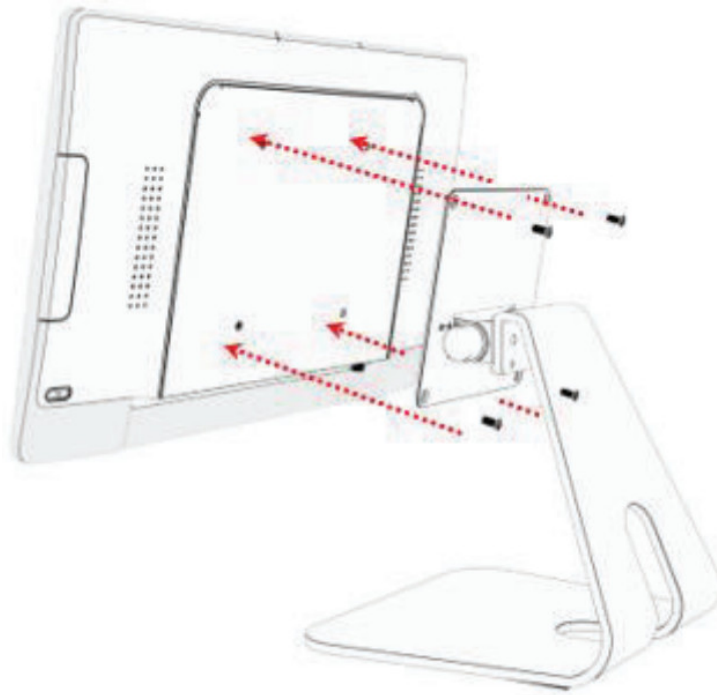
Optional Accessory Installation

Installing the Stand

Place the touch monitor face down on a clean padded surface.

Step 1: Place the stand on the VESA mount and align the screw holes.

Step 2: Install the four M4 screws to secure the stand to the monitor.

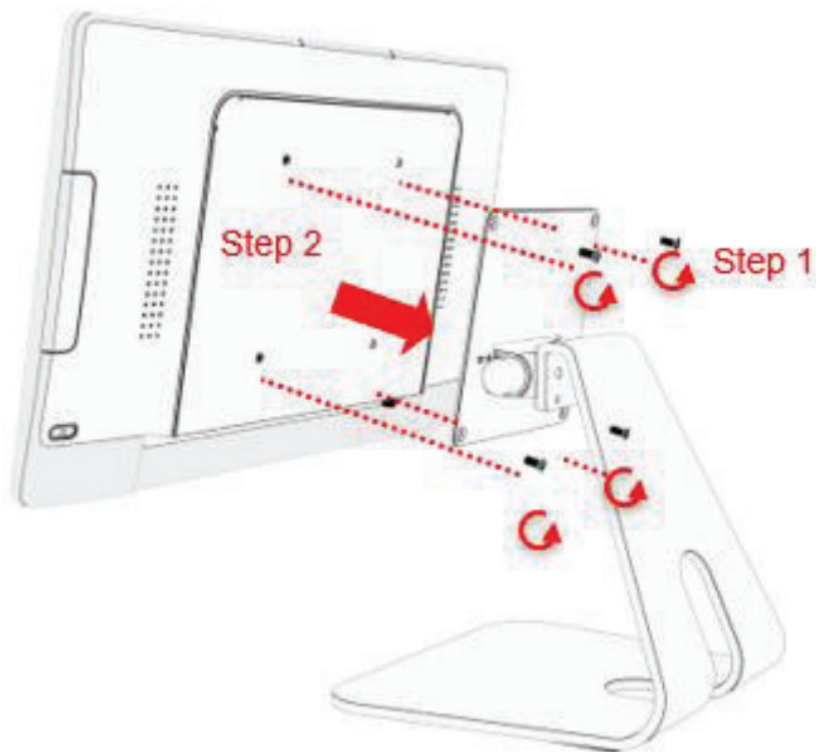


Removing the Optional Stand

Place the touch computer face down on a clean padded surface.

Step 1: Loosen the four screws

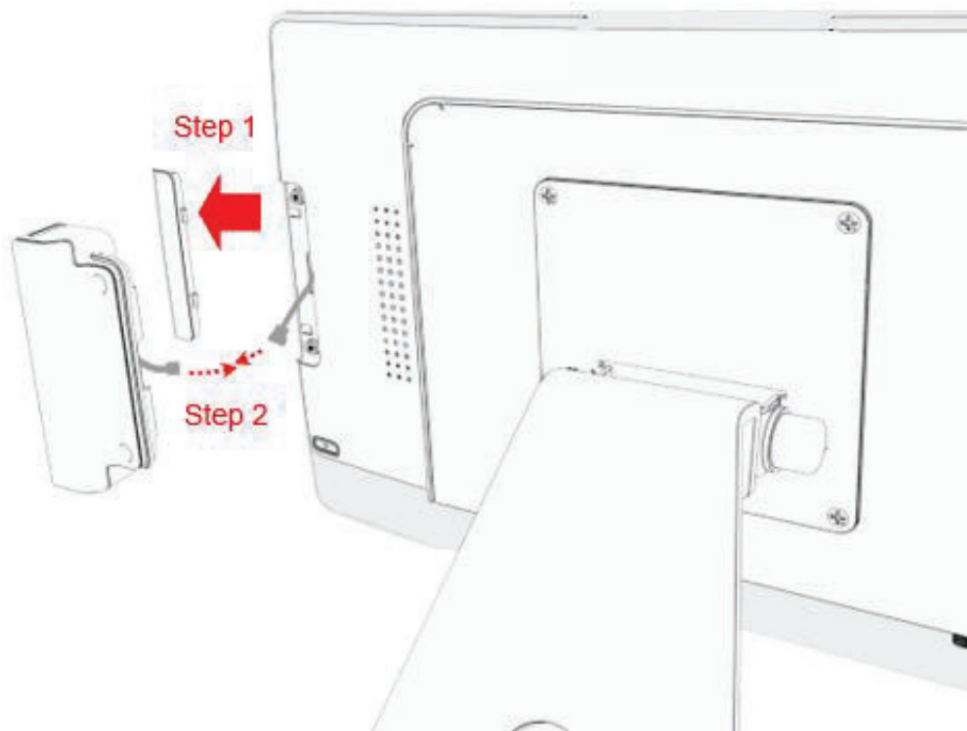
Step 2: Pull the stand away from touch computer and remove.



Installing the MSR

Step 1: Pull the accessory port cover away from the touch computer to remove it.

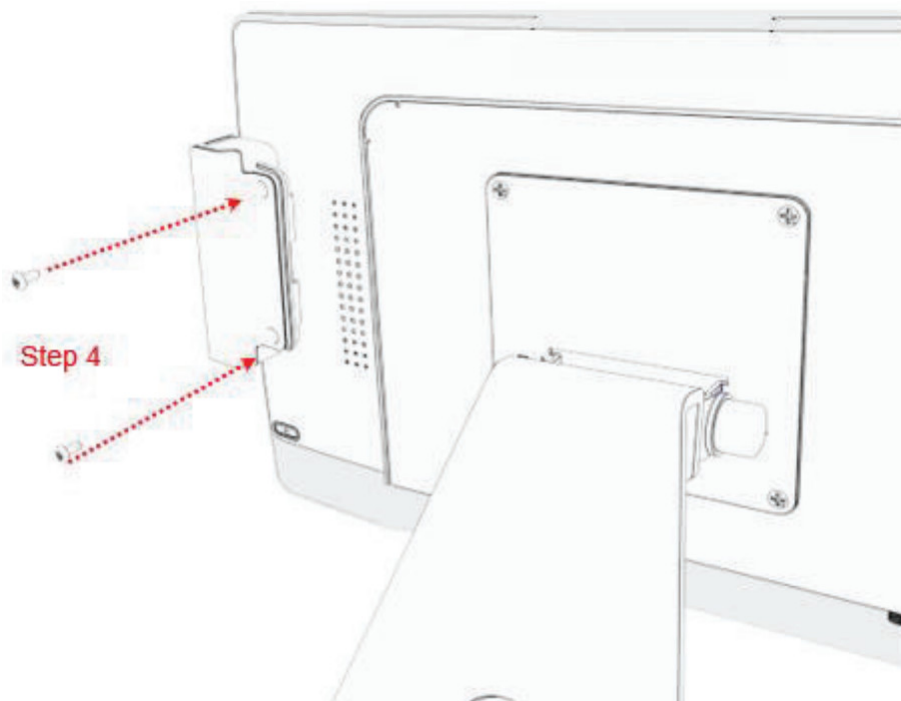
Step 2: Connect the MSR cable to the touch computer accessory cable. Important: Do not force – Be sure to properly align the polarity keys in the two connectors. The cable colors will also match from cable to cable.



Step 3: The metal bracket hooks into the gap between cover glass and bezel.



Step 4: Install the two M3 screws to secure the MSR.



Removing the MSR

Step 1: Loosen the screws.

Step 2: Disconnect the MSR cable from the touch computer and pull the metal bracket free of the slot.

Step 3: Reinstall the accessory port cover.

Installing the Camera

The steps are the same as for the MSR with the exception of the metal bracket – the camera simply needs to be connected, positioned and the two screws installed. Removal is the reverse: Remove the screws, disconnect and stow the cable, and replace the cover.

Appendix

Cleaning

Turn off the product and disconnect from AC power before cleaning. Turning the product off protects against accidental touch selections that could cause problems or hazardous results. Disconnecting power protects against hazardous interaction between accidental liquid entry and electricity.

To clean the case, dampen a clean cloth lightly with water and a mild detergent and wipe gently. Use a soft, dry cloth to clean areas that have ventilation openings to avoid getting any liquid or moisture inside. If liquid does get inside, do not use the product until it has been inspected and tested by a qualified service technician.

To clean the touch screen, apply a glass cleaning solution to a soft cloth and wipe the screen clean.

To ensure that liquid does not enter the product, do not spray cleaning solution directly onto the touch screen or any other part.

Do not use volatile solvents, waxes or any abrasive cleaners on any part of the product.

Solutions to Common Problems

No image on monitor

Check that the video signal source device is turned on.

Check that the selected video input signal matches the video connection.

The monitor or computer may be in SLEEP mode. Press any key/move the mouse/touch the touchscreen and wait a few seconds to see if the image appears.

Check that the DC power connector is fully seated.

Check that the AC cable is securely connected to the wall outlet and to the AC to DC converter.

Make sure the MicroTouch power converter is being used.

Try another MicroTouch-approved power converter if possible.

Monitor display is dim.

Use the OSD controls to increase the brightness.

Use the OSD controls to increase the contrast.

Monitor displays the “Out of Range” message.

This message will only occur when using the VGA video signal input; use either the HDMI or Display Port video signal input if your signal source equipment supports either of those.

Reduce the resolution to a resolution the monitor supports – see the Supported Timings chart in the Specifications and Dimensions section of this manual.

Monitor display image looks strange.

Try the Auto Adjust function in the OSD (only available when using the VGA video signal input).

Adjust your computer’s resolution/timing mode to be within the allowable timing ranges specified for your touch monitor (see section above).

Touch functionality doesn’t work or works incorrectly.

Make sure the USB cable is properly connected.

Fully remove any protective sheets from the screen, then cycle power Off/On.

Ensure that the monitor is in an upright position with nothing touching the screen, then cycle power Off/On.

Legacy operating systems, prior to circa 2007, may require drivers to support Touch Devices.
Please contact MicroTouch Technical Support.

Neither the OSD nor power buttons respond when pressed.
If the wired OSD remote is in use, make sure it is securely connected.

Warranty Information

Except as otherwise stated herein, or in an order acknowledgment delivered to Buyer, Seller warrants to Buyer that the Product shall be free of defects in materials and workmanship. The warranty for the touchscreen display and their components is three years. Seller makes no warranty regarding the model life of components. Seller's suppliers may at any time and from time to time make changes in the components delivered as Products or components. Buyer shall notify Seller in writing promptly (and in no case later than 30 days after discovery) of the failure of any Product to conform to the warranty set forth above; shall describe in commercially reasonable detail in such notice the symptoms associated with such failure; and shall provide to Seller the opportunity to inspect such Products as installed, if possible. The notice must be received by Seller during the Warranty Period for such product, unless otherwise directed in writing by the Seller. Within thirty days after submitting such notice, Buyer shall package the allegedly defective Product in its original shipping carton(s) or a functional equivalent and shall ship to Seller at Buyer's expense and risk. Within a reasonable time after receipt of the allegedly defective Product and verification by Seller that the Product fails to meet the warranty set forth above, Seller shall correct such failure by, at Seller's options, either (i) modifying or repairing the Product or (ii) replacing the Product. Such modification, repair, or replacement and the return shipment of the Product with minimum insurance to Buyer shall be at Seller's expense. Buyer shall bear the risk of loss or damage in transit, and may insure the Product. Buyer shall reimburse Seller for transportation cost incurred for Product returned but not found by Seller to be defective. Modification or repair, of Products may, at Seller's option, take place either at Seller's facilities or at Buyer's premises. If Seller is unable to modify, repair, or replace a Product to conform to the warranty set forth above, then Seller shall, at Seller's option, either refund to Buyer or credit to Buyer's account the purchase price of the Product less depreciation calculated on a straight-line basis over Seller's stated Warranty Period. These remedies shall be the buyer's exclusive remedies for breach of warranty. Except for the express warranty set forth above, seller grants no other warranties, express or implied by statute or otherwise, regarding the products, their fitness for any purpose, their quality, their merchantability, their non-infringement, or otherwise. No employee of Seller or any other party is authorized to make any warranty for the goods other than the warranty set forth herein. Seller's liability under the warranty shall be limited to a refund of the purchase price of the product. In no event shall Seller be liable for the cost of procurement or installation of substitute goods by Buyer or for any special, consequential, indirect, or incidental damages. Buyer assumes the risk and agrees to indemnify Seller against and hold Seller harmless from all liability relating to (i) assessing the suitability for Buyer's intended use of the Products and of any system design or drawing and (ii) determining the compliance of Buyer's use of the Products with applicable laws, regulations, codes, and standards. Buyer retains and accepts full responsibility for all warranty and other claims relating to or arising from Buyer's products, which include or incorporate Products or components manufactured or supplied by Seller. Buyer is solely responsible for any and all representations and warranties regarding the Products made or authorized by Buyer. Buyer will indemnify Seller and hold Seller harmless from any liability, claims, loss, cost, or expenses (including reasonable attorney's fees) attributable to Buyer's products or representations or warranties concerning same.

RoHS Declaration

Equipment name: Touch LCD Monitor Type designation (Type) : DT-215P-A1						
Component	Restricted substances and their chemical symbols					
	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent chromium (Cr + ⁶)	Polybrominated biphenyls (PBB)	Polybrominated diphenyl ethers (PBDE)
Plastic Parts	O	O	O	O	O	O
Metal Parts	–	O	O	O	O	O
Cable components	–	O	O	O	O	O
LCD Panel	–	O	O	O	O	O
Touch Panel	–	O	O	O	O	O
PCBA	–	O	O	O	O	O
Software	O	O	O	O	O	O
Notes “O” indicates that the percentage of the restricted substance does not exceed the permissible limit. “–” indicates that the restricted substance is exempt.						

The information presented in this user manual is intended as general information about MicroTouch products and is subject to change. Product specifications and warranties will be governed by TES America, LLC. Standard terms and conditions of sale. Products are subject to availability.

Copyright © 2022 TES America, LLC. All rights reserved. Android is a trademark of Google LLC. Windows is a trademark of Microsoft Corporation in the United States and other countries.

www.MicroTouch.com



www.usorders@microtouch.com

TES AMERICA LLC | 215 Central Avenue, Holland, MI 49423

(616) 786-5353



Documents / Resources

 <small>USER MANUAL</small> <small>DESKTOP TOUCH MONITOR</small> <small>DT-215P-A1</small>  <small>Rev. 09/2022</small>	<p>MicroTouch DT-215P-A1 Desktop Touch Monitor [pdf] User Manual</p> <p>DT-215P-A1, DT-215P-A1 Desktop Touch Monitor, Desktop Touch Monitor, Touch Monitor, Monitor</p>
--	---

References

- [User Manual](#)

Manuals+.