

Touch Monitor User's Manual

(Applicable models: OFTM Series)



Version 1E (2022 Modified)



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1 DESCRIPTION

1.1 SUMMARY

This product series (also referenced as OFTM series) leverages TDD's advanced technology to meet customers' requests on stability and durability.

1.2 FEATURES

1. PnP: Just plug in the power cable. Voltage: AC 100~240V, 50/60Hz
2. HD Resolution
3. Full Metal Construction
4. Various installation methods: by VESA, by Four-sides side hole, by Adjustable Base, etc.
5. Fully compatible with Windows XP /7/8/10, Android , Linux, Mac OS X

TECHNICAL PARAMETERS LIST: OFTM-BF=BF

ITEM	BF121	BF150	BF156	BF170	BF185	BF190	BF215	BF238	BF270
VGA	1024 x 768	1024 x 768	1920 x 1080	1280 x 1024	1366 x 768	1280 x 1024	1920 x 1080	1920 x 1080	1920 x 1080
DVI	1024 x 768	1024 x 768	1024 x 768	1280 x 1024	1280 x 1024	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
HDMI	1024 x 768	1024 x 768	1024 x 768	1280 x 1024	1280 x 1024	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
VESA FDMI	VESA,MIS-D ,75,C	VESA,MIS-D ,100,C	VESA,MIS-D, 100,C	VESA,MIS-D, 100,C	VESA,MIS-D, 100,C	VESA,MIS-D, 100,C	VESA,MIS-E, 100,C	VESA,MIS-E, 100,C	VESA,MIS-E, 100,C
Service Voltage	AC100V -240V (50/60Hz)								
Input Voltage	DC12V								

*Remarks : For more detail information, please read the specification

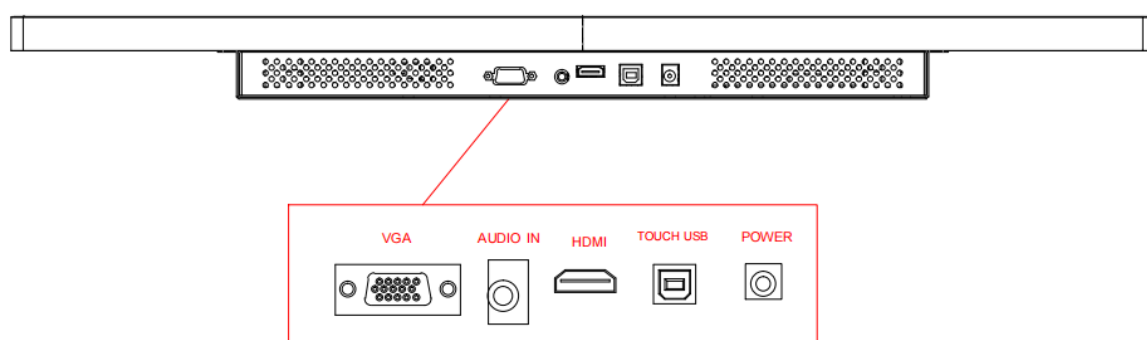
2 INSTALLATION

2.1 OPEN THE CASE

Check accessories: * Optional.

*VGA Cable	*HDMI Cable	Adapter	Power Cable	USB Cable	Stand	*Mounting bracket	Others
1	1	1	1	1	1(opt.)	2 or 4	Screws

2.2 PHERIPHERAL INTERFACE



1. Connect the video cable: use VGA / DVI / HDMI / DP cable.
2. Connect the touchscreen cable: use the USB cable.
3. Connect the Audio cable: use the 3.5mm Audio cable.
4. Plug in the right power supply cable.

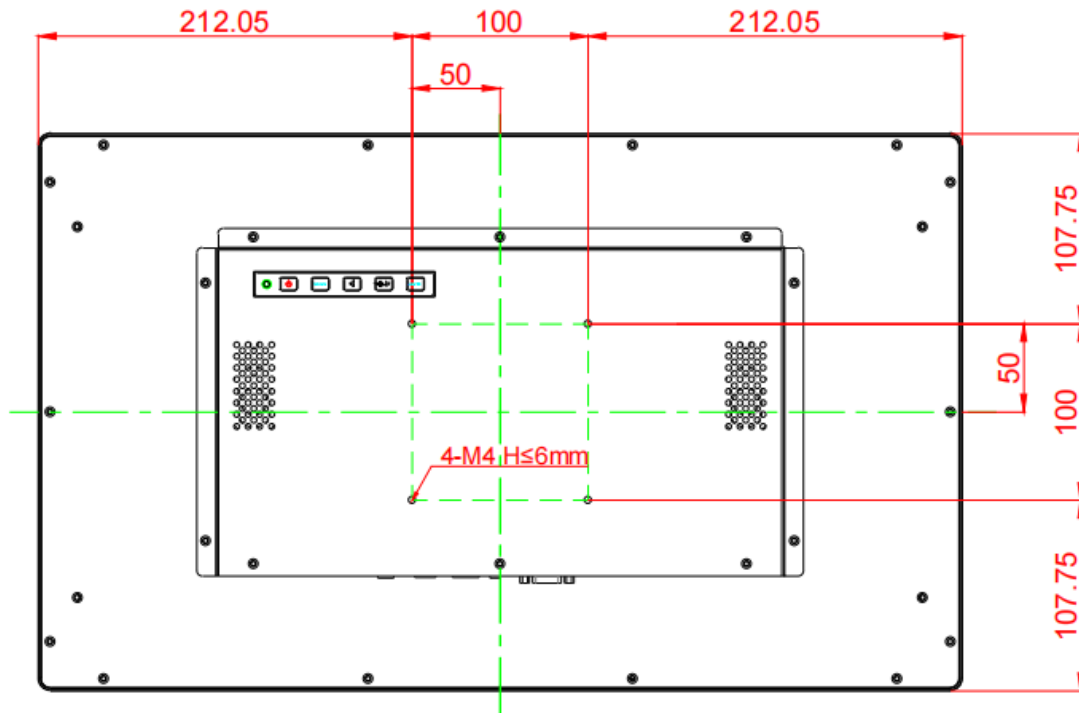
*Remarks : Please let us know the standard of the power supply.

3 ASSEMBLE

3.1 USING VESA

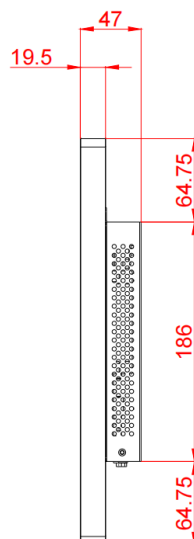
Each monitor has provided 4 holes for M4 screw.

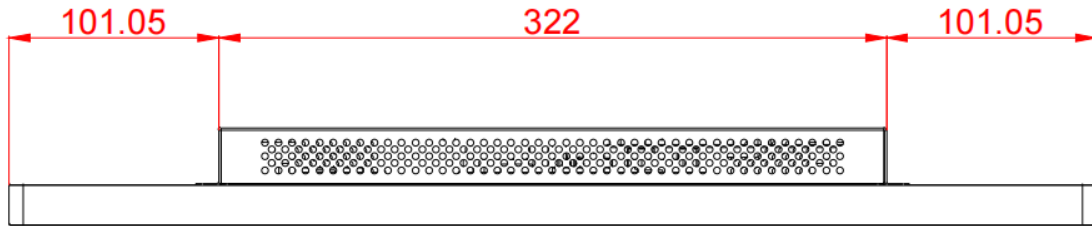
Check 1.2 for the related standard of VESA FDMI.



3.2 Four-sides side holes

Each monitor has provided 8 M4 screw holes.





4 OPERATING

4.1 Power On

Default Status: Automatically Start on Electricity

Work Status Table

Status of Monitor	Status of LED
No Power Input	Off
Sleep	Red Light On
No Signal Input	Red Light On
Startup	Green Light On
Shutdown	Red Light On

Touching screen would wake up the monitor from sleep mode.

NOTICE: To keep the stability and avoiding the waste of energy, no long-term use or when you go out, please make sure to pull power plugs.

4.2 TOUCH FUNCTION

Each touch monitor had been calibrated before delivery.

4.3 RESOLUTION

4.3.1 Generally the original resolution is recommend.

The resolution of 15" is 1024 x 768.

The resolution of 17" is 1280 x 1024.

4.3.2 Especially on VGA mode, due to the difference of the Graphic Processing Card, customer need to modify the parameters on OSD to realize better quality of graphic. In addition, to meet the timing request on different video mode, monitor has provided the most common video timing modes.

4.4 OSD

4.4.1 5 OSD buttons are in the rare side. Using those 5 buttons to modify different parameters.

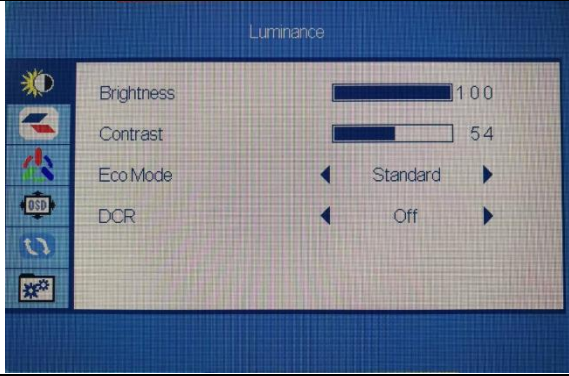
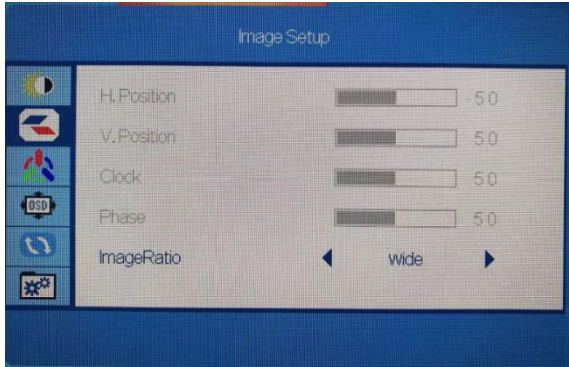
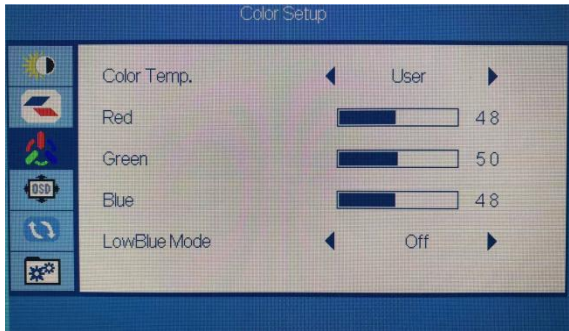


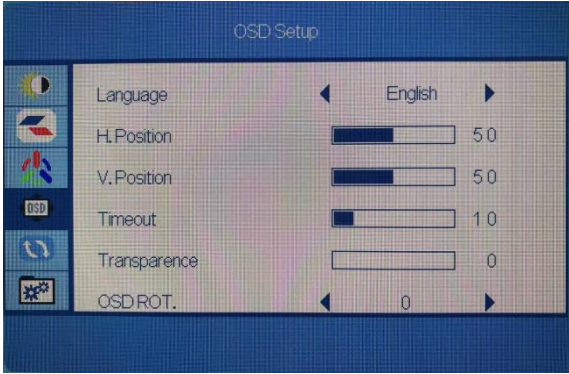
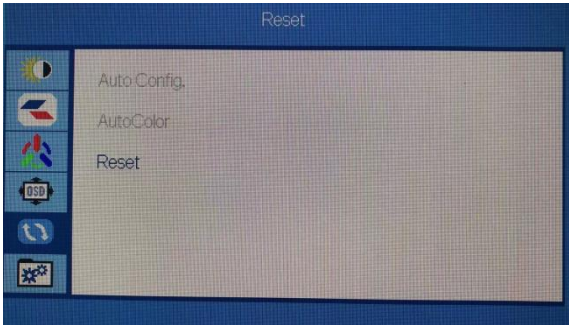
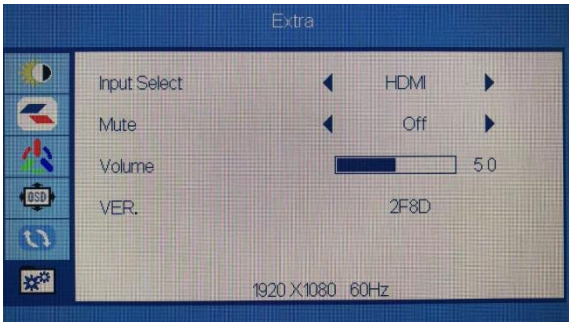
OSD Panel

Function Table

	OSD Function Disable	OSD Function Enable
Power	Turn On/Off Monitor	Turn Off Monitor
Menu	Display OSD Menu	Confirm
Down	Adjust	Value Reducing/ Select Next Option
Up	Brightness	Value Increasing/ Select Upper Option
Auto	Source	Return to Upper Menu/ Exit

4.4.2 PARAMETERS ADJUSTABLE LIST

OSD	Option	Description
	Brightness	Increasing/Reducing Brightness
	Contrast	Increasing/Reducing Contrast
	ECO Mode	Option:Standard/Movie/Game/Text
	DCR	Option:Turn on/Turn off
	H.Position	Horizontal Imaging Moving with each pixel value VGA Video Input Supported Only
	V.Position	Vertical Imaging Moving with each pixel value VGA Video Input Supported Only
	Clock	To fine tuning pixel clock VGA Video Input Supported Only
	Phase	To fine tuning pixel clock VGA Video Input Supported Only
	ImageRatio	Option: wide/4:3
	Color Temp	Optional:Warm/Cool/User(User Defined)
	Red	User Defined: R/G/B Color Range: from 0 to 100
	Green	
	Blue	

	Lowblue Mode	Optional: Turn On/ Turn Off
OSD	Option	Description
	Language	Option: English/Françoise/Deutsch/ 简体中文 /Italiano/Espana/Portugues/Turkce/Polski/Nederlands/Pycknn /한국의
	OSD H:Pos	Horizontal OSD Menu Moving
	OSD V:Pos	Vertical OSD Menu Moving
	OSD Time	Adjusting display time duration of OSD Menu
	Transparency	Adjusting transparency of OSD Menu
	Image auto adjust	Image auto adjust
	Color auto adjust	Color auto adjust
	Reset	Factory default value restored
	Input Select	Option: VGA/DVI/HDMI/Auto Search(Signal source)
	Mute	Audio On/Off control
	Volume	Audio volume adjustment
	VER.	Firmware Version

Notice: All parameters adjusted on OSD would be auto memorized. No need to set up again. Even

the power supply error happened.

5 SAFETY AND MAINTENANCE


5.1 SAFETY

To avoid Personal Injury/ Electric Shock/ Fire Disaster/ Damaging to other equipment,
please pay attention to the following:

5.1.1 General Notes

a) Pay attention to related tag: Besides the special notes in this file, please DO

NOT repair the product without permission, even open/remove the product's

shell with  tag. Components with this tag should be repaired by authorized
technical person/company.

b) Need to be repaired:

Please contact authorized distributors first for support.

- Extension Cord/Plug damaged
- Liquid infiltration inside or Objects fall into the product
- Got wet or submerged
- Fell to the ground and Damaged
- Overheat warning message
- Still does not working according to the operation instructions

c) Avoid high temperature :Away from the high temperature device/region, such as:

Radiator, Heater, Stove, etc.

d) Avoid high humidity: Away from the high humidity area.

e) Avoid objects go into product: DO NOT put any objects into product.

f) Reasonable install/place product: DO NOT put product on any unstable

platform/truck/site support etc. DO NOT put any heavy objects on product.

- g) Use recommended/matched accessories.



5.1.2 Accessory device security considerations

- a) Overloading: Please DO NOT make power supply unit overloading. The total current rating should be less than 80% of the rated current.
- b) DO NOT use the voltage converter that for household appliance.
- c) Surface Cleaning: Power Off and disconnect the power cable. DO NOT use abrasive liquid/gas cleanser, such as Alcohol, Diluent, Benzene, etc. Damp cloth is recommended.
- d) Operating temperature should be less than 40 °C.
- e) Power supply tolerance should be +10%, -10%.

5.1.3 Environment safety considerations

- a) Only being security used below 2000 meters above sea level.
- b) Only being security used under the non-tropical climate conditions.
- c) It is Class A product, would be interfered by radio.

5.2 MAINTENANCE AND REPAIR

Please browse website: www.tddtouch.com for more information.

5.3 WEEE

This product should not be deal with family life rubbish. Should be sent to the authorized recycling and reusing factory. Make sure to deal with products according to the local law whenever ending the product life cycle.

6 SUPPORT

6.1 FAQ (Frequently Asked Questions)

Questions	Solutions
Why there is no response when starting the system?	<ul style="list-style-type: none">● Checking the cable connections.● Making sure the right working status of DC adapter.
It is not bright enough.	<ul style="list-style-type: none">● Adjusting the parameter (Brightness/Contrast) in OSD menu.
Why there is no display?	<ul style="list-style-type: none">● Could be sleep mode, touch keyboard/mouse/monitor to wake it up.● Make sure the cable connection is not loosened.● Make sure the signal is transmitting.
Info Window shows "Out Of Range"	<ul style="list-style-type: none">● Adjust the resolution/timing mode to meet the standard range of the touch monitor. For more information, please check related specification.● Use "Auto Adjust" function in OSD menu.
Touch Function Invalid/Failure	<ul style="list-style-type: none">● Check if there is any modification/updating of the driver.● Make sure the USB cable is connecting well.



7 CONTACT

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