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Information update

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Scope of application: “Instruction Book of 32” Touch Monitor”

Feedback

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1. Introduction

1.1 Brief Introduction

Function description

The main functions of this product includes: 1080P high-definition multi-touch display function, TV function

Installation location

This product is suitable for education , home, conference places. It can be installed in two modes: desktop and wall mount.

Temperature range

Storage temperature: $-40^{\circ}\text{C} \sim +80^{\circ}\text{C}$

Working temperature: $-0^{\circ}\text{C} \sim +50^{\circ}\text{C}$

Voltage range

Nominal voltage: 110-240V AC

The default test conditions

Conditions and the default test conditions are as follows:

Ambient temperature: $(15 \sim 50)^{\circ}\text{C}$

Relevant humidity: 45% \sim 85%

Atmospheric pressure: 86.7kPa \sim 106.7kPa

1.2 Specifications

1.2.1 Monitor Specification

| Monitor Specification | | | | |
|-----------------------|---------------------------------------|-----------------------|---------------------------------------|----------|
| Model No. | TS32M | | | |
| Display technology | TFT-LED | | | |
| Display size | 698.4 (H) x 392.85(V)MM | | | |
| Screen size | 727.4(H) x 429(V) MM | | | |
| Best resolution | 1920*1080 RGB | | | |
| Brightness | 350 cd/m2 | | | |
| Contrast rate | 3000:1 | | | |
| Response time | 6.5ms | | | |
| Display color | 10 bit(FPC),1.07 Billion | | | |
| Power consumption | Standby power consumption ≤ 1 W | | | |
| | Machine power consumption ≤ 60 W | | | |
| Necessary function | Anti-crash tempered glass | glass | Normal tempered glass | optional |
| | | | Frosted tempered glass(anti-glare) | optional |
| | | | Normal tempered glass+anti-glare film | optional |
| | Child lock | with | | |
| | Modular design | Built-in TV | | optional |
| | Shutdown state memory | Default power standby | | optional |
| | Press | with | | |

| | | | |
|--|---|--|----------|
| | energy-saving | | |
| | Smart USB interface computer communications | Default without | optional |
| | Forward speaker | Sound coming out forward without blocking, better sound effect | |

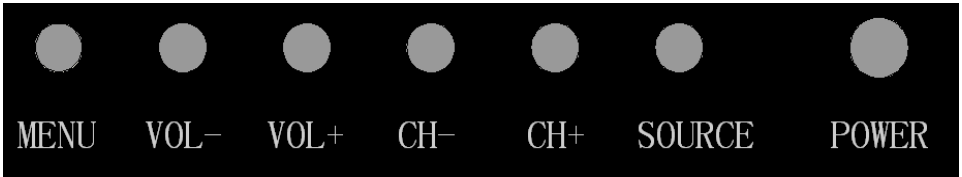
1.2.2 Touch screen specification

| Touch screen specification | | |
|----------------------------|---------------------------|--|
| Touch specification. | Touch screen size | 32 inch |
| | Touch technology | Multi-touch surface light wave |
| | Touch pressure | Zero-pressure |
| | Surface hardness | Screen surface is riot optical glass, hardness of Mohs 7 degree |
| | Transmittance | >92% (100% without glass) |
| | Humidity | working\storage humidity: 90%RH No condensation at 40 °C |
| | Temperature range | Working temperature: -25°C~50°C Storage temperature: -40°C~85°C |
| | Interference condition | No drift phenomenon, anti-light |
| | Physical touch resolution | 826 x 462 |
| | Report resolution | 32767 x 32767 |
| | Power system | Single USB powered |
| | Operating Voltage | 4.75V-5.25V |
| | Average current | <400mA |

| | | |
|-------------------------------|---|---|
| | Power consumption | <2.0W |
| | Life | 60000 hours |
| Touch function features | Touch mode | Finger, pen (Non-capacitors, electromagnetic pen) |
| | Multi-touch | 2, 4, 6, 10, 32, maximum 48points |
| | Response time | 10ms |
| | Scanning frame rate | 100 frames |
| | Minimum identification point size | 3mm*3mm |
| | Minimum detection contacts motion | 1mm |
| | Shape recognition | support |
| | Fault tolerance | 10% discontinuous damaged sensor can still touch |
| | Supported O/S | Windows 8, Windows 7, Windows Vista, Windows XP |
| | Software interface protocol | TUIO Protocol (UDP mode), TUIO Adobe Flash Mode (TCP mode), Windows 7 Multitouch HID protocol |
| | Input port | USB*1 |
| accessories | CD-ROM drive | with |
| | User manual, qualified certificate, warranty card | with |

2. Appearance

1. Buttons and expansion interface description



2. TV Interface Description

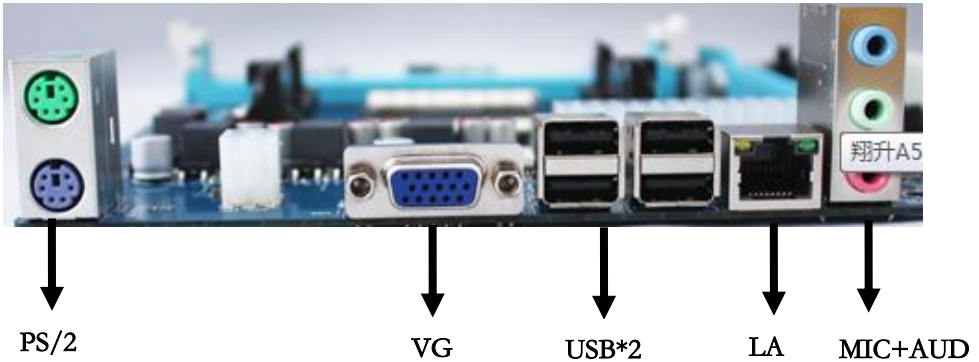
FRONT VIEW OF T.MS18VG.81B



SIDE VIEW OF T.MS18VG.81B



3. External Computer Interface Description



On power

Place the TV on the right place, plug one end of the power adapter into the wall AC power (input voltage :110-240VAC; Frequency: 47/63Hz) socket and the other end into the power socket on the TV, turn on the power switch, and you will see power indicator turns red when the TV is in standby mode, if you press the remote ON / OFF button or press the front-panel key switch, power indicator will turn green, wait a few seconds and pictures can be seen on the TV screen.

Off Power

Press the ON / OFF button to keep the TV being in standby mode, turn off the I / O switch, then pull the power plug out from the power outlet on the wall.

Notice:

- If not using the machine for long time, you need to turn the unit's power off, and pull the power plug out from the power outlet on the wall.
- Please be careful when connecting other devices.
- When connecting an external device, please read the operating instructions of the external device.



● Disconnect the power Connect the external device before you to ensure that the input and output terminals are connected properly.

§ 15.19 Labelling requirements.

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.

§ 15.21 Changes or modification warning

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

§ 15.105 Information to the user.

Note: 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.

Technical and service support

Any technical and service support needed, please visit us Timelink website at www.timelink.cn

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