Goodview

User Manual

Safety Instructions：

In order to ensure the reliable use of the equipment and the safety of personnel, please comply with the following during installation, use and maintenance:

System grounding: The system must have perfect grounding. Otherwise, not only signal interference, instability or mechanical damage, but also personal accidents may be caused by leakage.

>It is prohibited to change or add any parts to the mechanical and electrical design of this product. Otherwise, the manufacturer is not responsible for the harmful results.

>Do not use two-core plug to ensure that the input power supply of the equipment is AC100-240V 50/60Hz.

>There are 220V high voltage components in the machine. Do not open the housing without authorization to avoid the danger of electric shock. Do not place the system equipment in an overcooled or overheated place.

>The power supply of the equipment will heat up while working, so it is necessary to keep the working environment well ventilated so as not to damage the machine because of the high temperature.

>When rainy and humid weather or not in use for a long time, the power switch of the equipment should be turned off.

>Be sure to unplug the AC power cord of the device from the AC power outlet before removing or reinstalling any parts of the device. Disconnect or reconnect any electricalplugs or other connections to the equipment.

>Non-professionals without permission, please do not try to open the equipment chassis, do not repair privately, so as to avoid accidents or aggravate the damage to the equipment.

>Do not sprinkle any chemicals or liquids on or near the equipment.

>Please do not disassemble the antenna, otherwise the machine will not work properly.

Normal Mode RF Power Range (WLAN, Bluetooth)

Band (GHz)	Mode	Range(dBm)
2.4 (2.4~2.4835)	802.11b	15.00-16.00
	802.11g	15.00-16.50
	802.11n(HT20)	14.00-15.00

| Band (GHz)	Mode	Range(dBm)
Bluetooth	GFSK	8.00-9.50
	π/4-DQPSK	5.00-6.00
	8-DPSK	5.00-6.00

I.   Brief Introduction

1.1.   Product Introduction

This product is our latest series of touch display products, the machine runs in Android (TC**H1 series) , using open mold design, with metal frame, the overall shape highlights simple, atmospheric, stable business style; industrial brand new LED backlight panel and professional DCPI color adjustment technology, showing delicate and realistic display effect, is the first choice for commercial products, can be widely used in fast food restaurants, booking offices, learning, airport, hotel lobby, exchanges, cinemas, enterprises, exhibition galleries, shopping malls and other places.

1.2.   Product Structure

TC**H1 Series Touch Display Product Structure and Interface Diagram

（Front View）   （Side View）   (Back View)
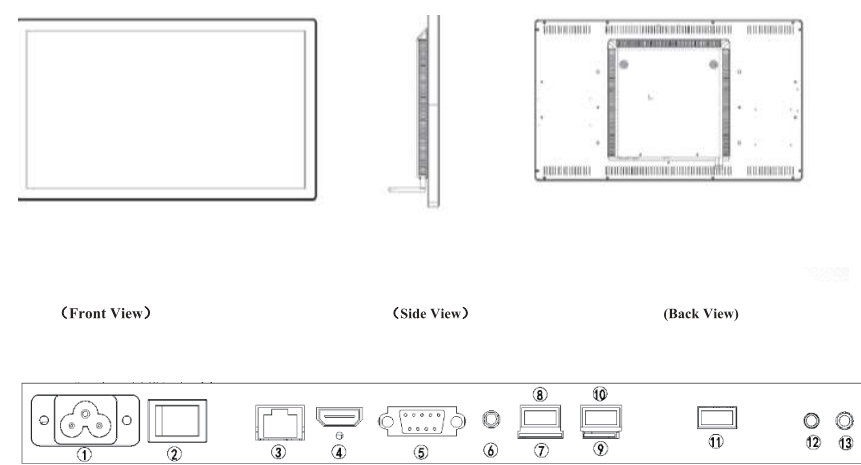
1.AC IN
2.AC Switch
3.LAN
4.HDMI
5.VGA
6.VAG Audio IN
7.SIM
8. USB
9. TF
10.USB
11. Touch USB
13. WiFi

1

Content

3).Video player: The App is mainly used to play video material under Android, such as playing video programs on U disk, putting video programs on U disk and inserting U disk into machine USB interface. Click on the video player, all the video programs on the U disk are displayed on the page, click on the video to play automatically
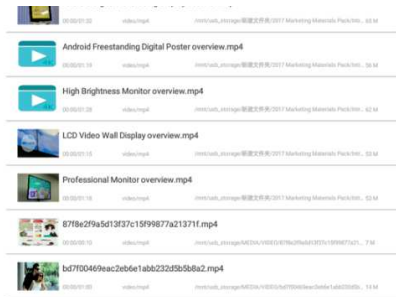
4). System aid: Click ⊞ ->System aid, on this page, you can set the timing switch, time, screen rotation, etc.
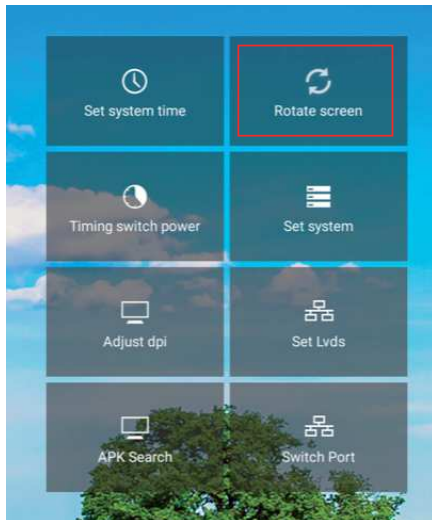
II. Software Function

2.1   TC**H1 Function
To summary this series that makes use of SWH5180 main board with 5.1.1 pure Android system.
    1.Support for U disk import programs, support for video / picture program playback
    2.Support for installing third-party applications
    3.Support for WiFi /LAN / hot spot / Bluetooth functionality
    4.Support for low-function standby mode
    5.Support timing switch function
    6.Support for Landscape and portrait display

  1). System main interface（vertical display for example）

2) Click on the ⊞ icon on the main interface to enter all the applications of the system. This series are of Android with the built-in app. Function of the system itself is shown below（vertical display）
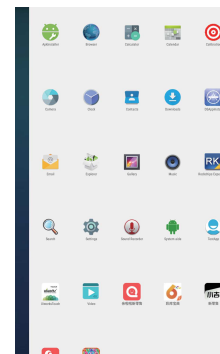
7). Rotating screen function:
The machine supports four angles of 0 °/ 90 °/ 180 °/ 270 °, rotates counterclockwise, and the angle display must be consistent with the actual display direction.

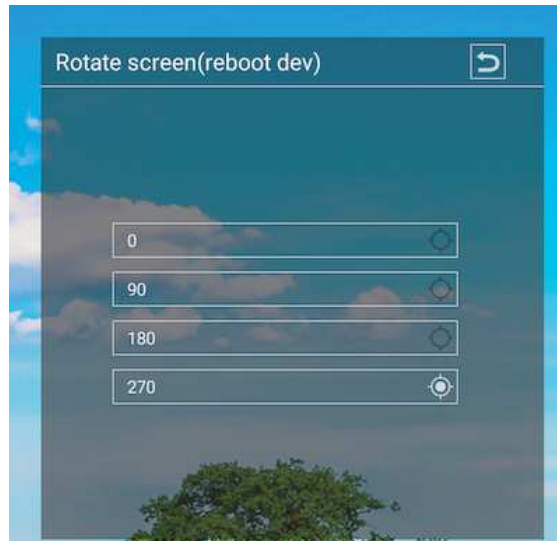8). Camera: It is mainly used to connect the external camera (Note: the App can not be turned on without the external camera)

9). Music: Through this App, you can play music files.

10). apk erector: Through the App, you can install third - party applications, such as Android QQ, WeChat app.

11). Resource manager: Select resource manager, it can automatically jump to the resource manager page, where the built-in storage is displayed, and if the SD card and U disk are inserted, the SD card and U disk are displayed, with the following functions
1.The files can be multi-selected, copied, cut, pasted and deleted.
2.Files that can be transferred between different stores, such as copying files from a U disk to memory, files from built-in storage can be copied to a U disk,
3.Double-click the video file to play
4.Double-click the apk file to install

12). NAND FLASH: Built-in storage

13). SD card: extension card, after inserting the TF card, click on the SD card to view.

14).USB storage 0/1/2: After inserting the U disk, you can view the file information in the U disk

5). Timing switch function: Set the time to switch on and off within the time period, under the mode of the week / unity two modes, the unity mode is to switch the machine according to the set time period every day.

Timing: set up to a maximum of 5 segments, such as 09-14:25, turn on the machine at 9: 00 and turn it off at 14:25

Open ：The machine has been in the boot state, for example, after shutting down through the remote controller, the machine is automatically turned on and off about 2 minutes: the machine has been turned off all the time. If the machine is turned on manually in the middle of the way, the machine will automatically shut down the machine at about 2 minutes: with switch on and off the machine manually.
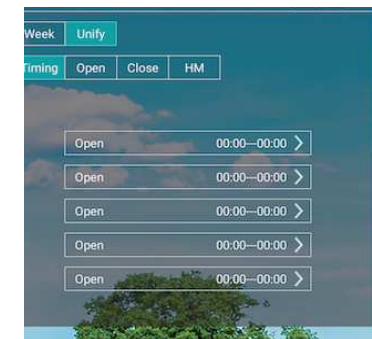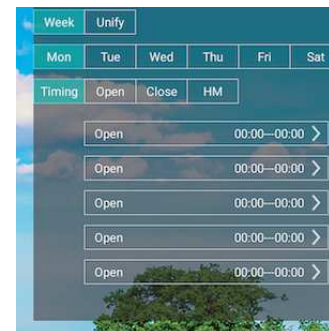
6).Setting time

Click settings at the main interface> date and time, in which you can set time and date
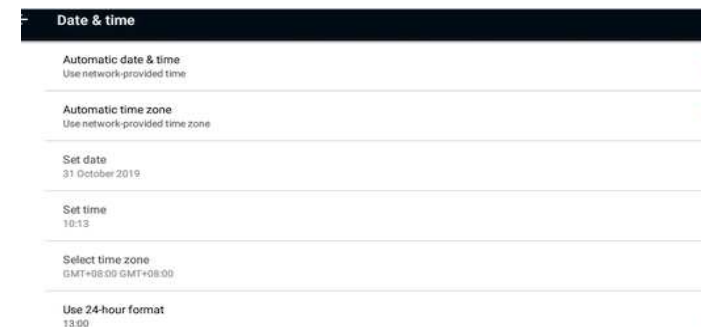
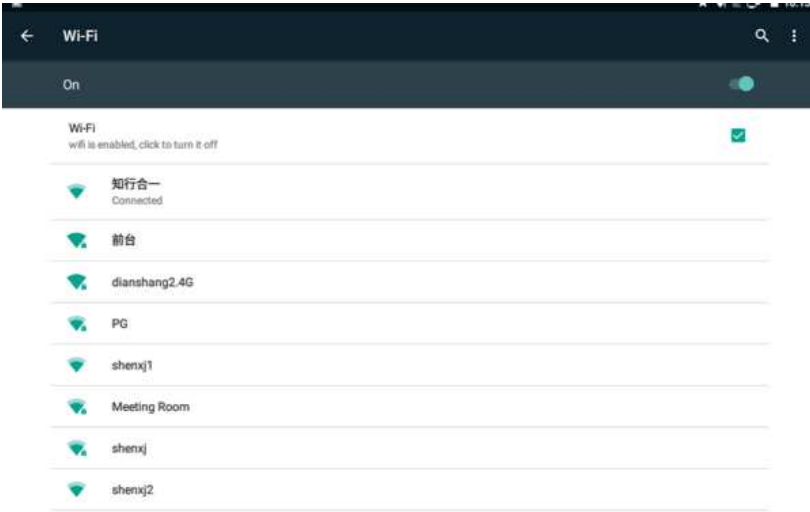Ethernet settings: The terminal inserts the network cable first->Click on settings at the main interface->More->Ethernet->Click to open, the IP address gets normal after the connection is successful, the cable network icon is displayed in the upper right corner of the page, and the Internet can be accessed after the connection is successful

Hot spot setting: The terminal is connected to the wired network->Click on settings at the main interface->Click more->Network sharing and portable hotspots->Click open in the portable wlan hot spot bar, click set wlan point after opening, modify the network name and password and click save, the top right corner of the page shows the hot spot icon, after the setting is successful, it can be used by other terminal connections
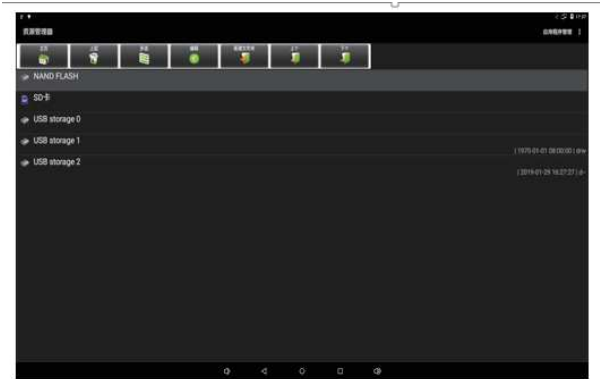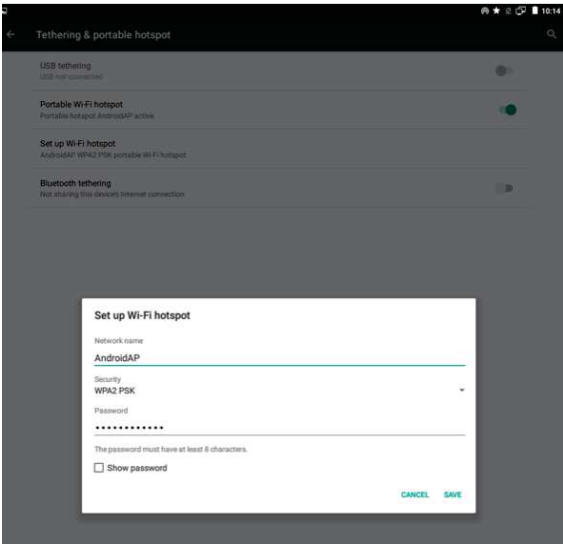
15). WiFi settings
Select settings at the main interface>wifi, select a wifi signal, enter the password and click on the connection. After the connection is successful, the upper right corner of the page shows the wifi icon and the wifi name bar shows that the connection is connected. After the connection is normal, you can surf the Internet.

III. Installation

3.1   Machine unpacking

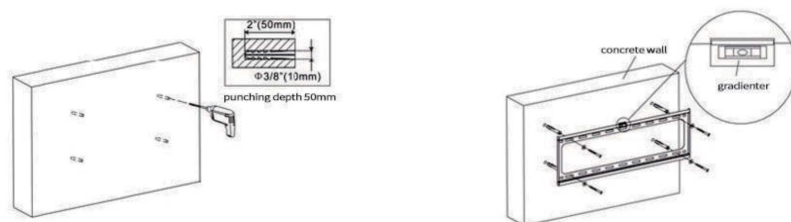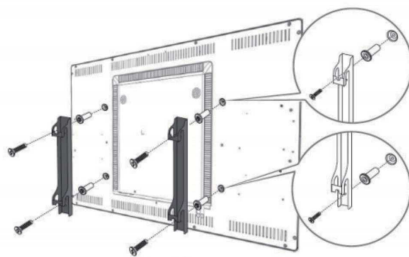● Because the product and weight are large and the display panel is fragile and easy to scratch, please put it lightly. Do not place the screen down unless you have a protective pad.

● After opening the package, check that the packing carton contains the following items (the following picture is a schematic diagram, and the object shall prevail.):

TC**H1 series of touch displays contains the following items:

Panel x1	Quick start x1
Power cord x 1	Safety and Environmental protection noticex1
Remote control x 1	Warranty cardx1
AAA batteryx2	M6*25 bolts x4
WiFi-antenna x2	
Certificate x1	bracket x1

22 inch and 27 inch : With hanging bracket, no M6*25 bolts.
32-inch: No hanging bracket, with M6*25 bolts.

3.2   Installation Guide

It shall avoid installing products in kitchens, bathrooms or any other place with high humidity. The manufacturer is not responsible for installation by non-professionals. You can keep the packing box and packing materials so that you can transport the integrated machine in the future.

3.2.1. Wall mounting

It is recommended that the 22-inch TC22H1 product be a wall-mounted installation diagram(the installation instructions take TC22H1 as an example for reference only):

Wall mounting holes
400x200

When install the LCD display on the wall, please consult a professional technician for proper installation. The manufacturer accepts no liability for installation not perfomed by professional technicians.

What else you'll need

For additional support, please consult your dealer or service center.

⚠ Metric 8 (12 mm) screws are needed for wall mounting (not included).
M8(12mm)

Step1

Step 1: Select the appropriate position on the wall, determine the position of the installation hole, install the hanging board to the wall, pay attention to the level (note that the thickness of the wood wall will be at least 3 centimeters, and the load bearing will not be 100 kilograms)

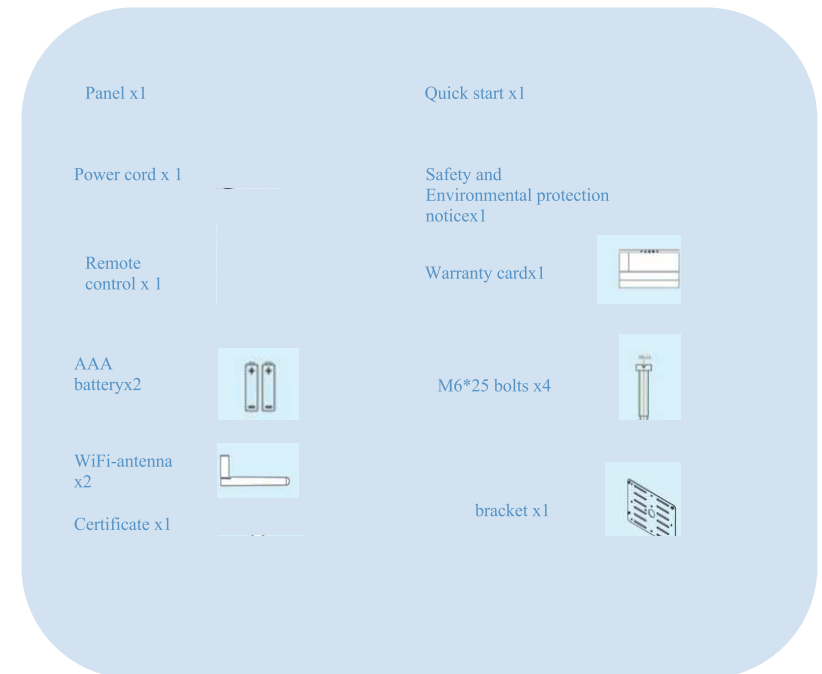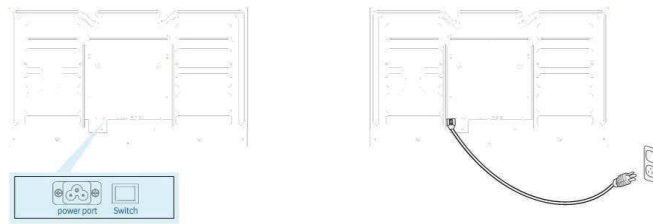**Step2**   Fix the whole machine on the hanging board and complete the installation

IV.   Guide to use

4.1   TC**H1 wiring diagram

TC**H1 series touch display power on and into the Android interface, and it can choose wired or wireless access network, and it can also be used on a single-alone with regards to the actual situation.

4.2   Remote control

For ease of use, most of the operations can be done through the remote control, and the key functions are as follows:

| Buttons	Description
POWER	Turn on/off the player
MENU	Call up the display drive menu
SETUP	Call up the OSD menu
SOURCE	Call up the signal source menu
	Play or confirm
▲	Move up
▼	Move down
◄	Move left
►	Move right
I◄◄	Skip to previous
►►I	Skip to next
■	Stop and turn to the home page
	Mute
+	Volume up
−	Volume down
HDMI	Switch to HDMI input
VGA	Switch to HDMI input
YPbPr	Switch to YPbPr input

Note: This remote controller is the general remote controller of our company. It will be adjusted when the machine corresponding to the different models: that is, the key function will have the function or no function to the operation button according to the specific model.

Step3   Hang the machine with hook fixed to the hanging board and tighten the screw
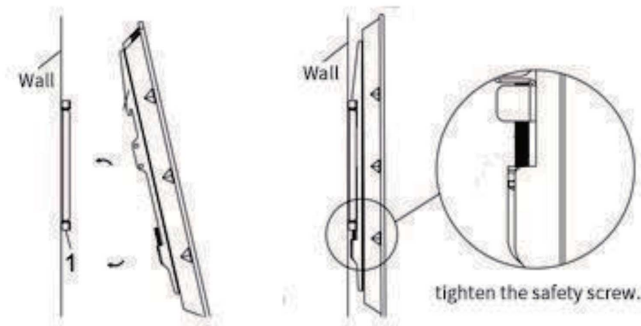
VI. Service Policy

The voltage, frequency and current requirements indicated on label must be met since any misconduct will lead to abnormal operation, equipment damage, or fire disaster. Maintenance can only be carried out by qualified technicians. Please contact a qualified electrician or manufacturer if you are in doubt about the installation. Please keep the machine away from humid environment, for more information, please call Goodview aftersales service line:400-7052-668

Product that manifests manufacturing defects identified within 30 days which starting from arriving destination port is considered DOA, DOA is defined as a defect that prevents the full use of the Product when first unboxed or first operated because of its quality issue. The Seller will be responsible for sending spare parts for repair or providing compensation or equivalent discounts.

V. Troubleshooting

Phenomenon	Possible reason	Solution
No screen display	1. Power cable disconnected 2.The main power switch on the back of the display is not turned on 3.The selected input is not connected	1. Plug in the power cord 2. Make sure the power switch is on 3.Check that the input signal is normal 4.The remote-control power-on key can be used for power-on or off after standby
Interference or noise can be heard on the display	Caused by surrounding electrical equipment or fluorescent lamps	Move the monitor to another location to see if interference can be reduced
The color is not normal	The signal line is not properly connected or in poor contact	Make sure the signal line is firmly connected to the back of the display
The picture is distorted and has an abnormal pattern	1. The signal is not connected correctly; 2. The input signal exceeds the ability of the display	1. Ensure that the signal line is firmly connected; 2.Check the video source to see if it is beyond the display range.
You can hear the sound, but there's no picture.	The input source signal line is incorrectly connected	Please compare this display to make sure that both the video input and the sound input are correct
You can see the image, but you can't hear it.	1.The input source signal line is incorrectly connected; 2.The volume is adjusted to a minimum; 3. [MUTE] is open； 4. No external speakers are connected.	Connection 1. Please make sure that the sound input is connected correctly. 2. Press the "VOLUP" button to hear the sound 3. Use the [MUTE] button to turn off mute 4. Connect the external speaker and turn the volume