

# TCM health Management Terminal

W22ACB

**Kaiska**

**User's Manual**

Thank you for choosing this product. This manual provides information about the operation instructions. Please read it carefully and save it for future use.

~~The information in this manual is subject to change without notice.~~

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## **1、 Preface**

Kaiska is a kind of public service and multimedia information terminal equipment which can be self-help by touching the information content to be entered into or displayed automatically by the network by the background big data system by the network. It realizes self-service and multimedia information terminal equipment by scanning, swiping, printing and other functional components.

## **2、 Features of integrated machine products**

This product only meets the standard gb/t9254 class a limit value requirements, and the integrated machine has the following characteristics:

1. The high quality picture is realized by using LCD / LED LCD. It has the advantages of no radiation, flicker, no dazzling, anti-seismic, anti-interference, thin volume, light weight, energy saving and large effective display area;
  2. The machine model designed by the principle of ergonomics and aesthetics is beautiful and generous, and it is very modern;
  3. The touch screen is located accurately, the mouse does not drift, easy to install, beautiful appearance and low power consumption;
  4. Built in multimedia audio system;
  5. Convenient modular structure, optional with built-in camera, bill printer, IC card reading and other expansion equipment.
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6. Information display supports multi network type, multi-type format, centralized network control and unified management. It transmits all kinds of data information to the integrated terminal through network platform, and displays it with high-quality display effect. It can realize the whole system networking and manage all the terminal integrated machine products of the whole system.

### **3、 System operation flow**

Usage process

Please turn on the red main power switch at the bottom of the terminal integrated machine, and complete the questionnaire screening according to the following process

Interactive interface

3.1.1 identification of identity or input card number

3.2.1 informed consent 3.2.2 questionnaire check

3.3.1 questionnaire printing

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system architecture

The self-service terminal integrated machine supports two states, offline and online, and realizes communication with AI background on the basis of ensuring the availability of the machine 24 hours. Meanwhile, the management side supports the query and download of statistical data, which is convenient for relevant managers to objectively evaluate the overall situation of the patients involved in the project, and facilitate the further management of the data by the management personnel.

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Manage background big data statistics

Network architecture

remarks:

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1. Some models of the terminal integrated machine products are equipped with external power switch at the back of the cabinet, which can be connected with the host switch according to the user's needs, and realize the function of controlling the computer host switch outside the cabinet.

2. The integrated machine products shall not be disassembled or modified by themselves.

#### 4、 Equipment placement

Installation diagram [vertical]

1. The vertical integral machine must be placed vertically on a solid ground.

2. The distance between both sides and rear of vertical integrated machine shall not be less than 5cm from the wall.

(A)

3. The position of the operator and the integrated machine operation plane is about 20cm. (B)

4. Vertical integrated machine is strictly prohibited to be placed outside (except for special outdoor models).

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## 5、 Unpacking operation of integrated machine equipment

1. after unpacking the wooden box, the box cabinet shall be inside

Pull out and cut off the white packing belt from one side

Exit the touch screen cabinet and check the machine surface for damage.

2. remove the key behind the cabinet, open the rear door of the cabinet, take out the power cord in the packing bag and insert the machine input socket. (see left black socket in the

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right figure)

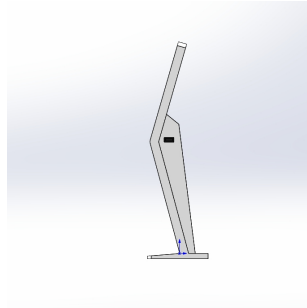
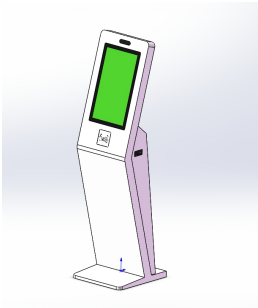
3. turn on the power and turn on the red main power switch to  
I. the switch indicator will be powered on automatically,  
indicating that the machine has been powered on and turned  
on (the screen will be displayed waiting for 20 seconds). (see  
red switch button in the middle right)

#### **4. Self service touch terminal product parts**

Site type:

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Integrated machine front view integrated machine rear view



**Main component name of integrated machine**

1. Camera (reserved for selection) 2. LED LCD / touch screen

3. RFID, second generation card reader 4 thermal printer

5. Printer open button (back) 6. Main cabinet

7. Cabinet horn 8. Wifi/4g antenna

## 5、 Technical indicators

Ambient temperature: 0 °C ~+35 °C

Relative humidity: 10% - 85%

Input voltage: 100-240V~ 2A 50/60Hz

Power consumption: less than 90W

Use place: Indoor

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(1) Internal master control system: (optional)

CPU Intel g2030 ~ i5 dual core series processor /intel J1900 2.0g  
quad core processor

Memory ddrii/vi 4-8g 1333

Mainboard commercial series motherboard / industrial series  
motherboard

Hard disk st/wd 1TB sata/60-128g solid state hard disk

Graphics board integration

AC97 integrated sound card motherboard

Network card 10-100mb LAN

Dvd-rom/combo (optional)

(2) Touch screen: (subject to the configuration table of integrated  
machine)

Dimensions: lcd/led class: 10.1 " - 120.0"

Touch screen: surface acoustic / infrared touch screen / resistance  
touch screen / capacitance touch screen

(3) Display: (subject to the configuration table of integrated  
machine)

Dimensions: lcd/led class: 10.1 " - 65.0"

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Resolution: 1024 \* 768 - 1920 \* 1080 — 3480 \* 2160

(4) Applicable operating system:

Windows xp/windows 7/10/android series

(5) Android series: (Android host)

CPU rk series or above dual core processor

Memory 1G-4G

Storage 8g-32g up / or SD card expansion

High performance audio video hardware decoding of video and audio card

## 8、 Guide to use

### 1、 Daily use

#### 1. start

Plug the power plug of the terminal integrated machine into the 220V municipal electrical socket, open the external ATX switch or the switch of the host (red mark is installed outside the cabinet), and the host will automatically enter the system and guide it to the application program.

#### 2. operation

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The object of the product is information questionnaire screening, big data statistics, etc. When the user needs to operate, you can get the information you need by simply finding and touching the corresponding items in the system page.

### 3. close

If the host is turned on and uses the automatic switch function, the above steps (shutdown) are not required. The host will run by itself according to the set on and off time.

Note: the function of automatic switch supported by the host is sometimes invalid due to the stability of the equipment ground voltage and the length of the host service time. This is a normal phenomenon and can be operated by manual start-up.

● if the automatic switch function is used, do not cut off the main power supply after the equipment is shut down.

## 9、 Technical support

### Touch screen maintenance and troubleshooting

The device can work normally only if the touch screen is connected correctly. So, when the query machine

If there is a problem, check whether the connection behind the computer host is normal first; if there is a connection

Loose and falling off, please connect and fasten the connection

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normally.

## 1. Capacitive touch screen [example]

What should be paid attention to for the capacitance touch screen?

1. The capacitance touch screen is glass products. Falling and hitting will cause damage. Therefore, it should be taken lightly

To release; to release;

2. If the capacitance touch screen is not working properly, especially when abnormal odor is emitted from the inside

Unplug the plug immediately and contact us or the seller;

3. Do not plug plug frequently with power

4. Before installing the capacitive touch screen, wipe the back of the touch screen and the screen of the display dry

Net, otherwise, it will affect the use effect of touch screen.

If the double-click of capacitance touch screen is not sensitive, how to solve it?

1. Start the touch screen program interface, lower the mouse sensitivity, the lower the sensitivity, the more sensitive

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double-click;

2. Calibration is conducted in the way of common people's touch habits, rather than the calibration mark with fingers perpendicular to the calibration mark;
3. In the control panel, double-click the mouse pointer slowly. If it is too fast, the computer will think twice as double clicking, which will usually solve the problem that double clicking cannot open the double-click object.

If the capacitance touch screen does not respond, how to solve it?

1. Check that the connectors of the connecting wires are connected correctly and firmly.
2. Reinstall the driver or use the general driver.
3. If there are still any questions, please contact us or the seller.

Does lighting have an impact on the use of capacitive touch screen?

The capacitance touch screen has good anti-interference ability to any angle of light, and can still work normally under the strong outdoor sunlight.

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How much is the touch accuracy of capacitance touch screen?

The touch accuracy of capacitance touch screen has reached  $4096 \times 4096$ .

Does capacitance need to be calibrated frequently in use of touch screen?

The capacitor touch screen works very stably, and its good component production will not drift due to the change of time and environment. Therefore, after installing the capacitance touch screen, it will not need calibration and maintenance, and it also keeps reliable and stable performance under the condition of super cold, super heat, vibration or impact.

Does dust affect the use of capacitance touch screen?

The capacitance touch screen makes the equipment reach the sealing degree of IP45, which is very adaptable to the harsh environment such as dust (even a small amount of fine sand soil), dust storm and so on

What is the damage strength of capacitance touch?

If you are using 5mm tempered glass products (explosion-proof), you

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can achieve the following indicators:

Pressure stress on glass surface: 30kgf/ M2

Bending strength of glass: 100kgf/ M2

Impact strength: a smooth steel ball with a diameter of 63.5mm (mass of 1040g), 1000mm from the surface of the glass of the sample, so that it can fall freely without breaking the sample.

What requirements do the capacitance touch screen have on the operating environment?

Working environment temperature: 41 °C - 80 °C

Working environment humidity: 0-85%

Anti electromagnetic interference: modulation by relevant test software

Can the capacitance touch screen and mouse and keyboard be used simultaneously?

sure. The driver of capacitance touch screen can work friendly with your existing mouse and keyboard driver.

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In what circumstances does the capacitance touch screen need to be calibrated? How to calibrate?

If you have installed the capacitance touch screen for the first time or if the resolution of your computer has changed, you must recalibrate the touch screen.

The calibration method is as follows: click the "pen and touch screen" option in the control panel, and click the "calibration" button. When the calibration interface is displayed, click the icon on the interface in turn. After calibration, the calibration interface will disappear automatically, and the data generated after calibration will take effect immediately. If you feel that the calibration effect is not ideal, you can calibrate it several times until the pointer tracking effect is ideal. Then press the "confirm" button.

How to clean the capacitance touch screen?

Please use soft materials (such as paper or dry towel) to clean the capacitance touch screen. Generally, it is better to close the host and display screen in advance before wiping the touch screen.

Whether the capacitance touch screen has emi/rfi radiation and what impact does it have on human body?

All touch systems have electronic components and potential emi/rfi

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radiation. The radiation of the capacitance touch screen is within the standard range, and its design parts pass the international standard detection, which will not harm the human body.

Does finger printing and dust affect the touch screen? Will scratch the screen have any influence?

The capacitance touch screen is operated by the electromagnetic capacitance induction receiver of human finger, which has nothing to do with the glass plate itself. Dust, finger printing or scratch glass will not affect the operation of the well sealed capacitance touch screen and display. But considering the beauty of the screen and screen, it is necessary to keep the screen clean and avoid scratches.

## 10、 Product packaging and transportation

packaging:

The outer packing of the integrated machine is a special wooden frame or wooden plywood box for logistics, the inner layer is rigid corrugated cardboard box, the filler is multilayer foam board, and the inquiry machine is covered with air film plastic bag.

Machine transport:

1. The terminal integrated machine must be transported in a vertical

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way, and it is strictly forbidden to put upside down, lay flat or bump.

2. The packing box and filler must be used for the transportation or moving of the terminal integrated machine. It is strictly forbidden to transport or move bare metal.

## 11、 Service commitment

The terminal integrated machine products are provided with manufacturer warranty service. See the contract for the warranty time.

For detailed warranty terms, see the product warranty rules.

If you have any suggestions or requirements for the terminal integrated machine products, please contact our customer service department.

Thank you for using kaiska/ Ko self-help terminal integrated machine products!

Warranty maintenance terms

Project details

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## Warranty and maintenance terms and conditions

### 1、 Detailed rules for replacement

● the company shall provide free replacement service for the repair of products meeting the following conditions within 3 months:

1. Inspection period: within 5 days after receiving the equipment, the user shall detect the appearance and hardware damage of equipment and articles according to the company's testing standards within this time. If the user has no objection within this time, it shall be deemed as qualified by the user.

#### 2. Scope:

A. Equipment failure due to its own quality;

B. Hardware damage caused by transportation of equipment;

C. Other defects confirmed by the company;

#### 3. Requirements:

A. Provide detailed description of fault and reason, including necessary text description and photo description;

B. With

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## FCC Warning

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.

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

**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.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.