User Manual

Contents

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Precautions

This manual contains important information on safety measures and proper use of the product. To avoid the accident, you shall make sure to read the manual carefully before using the product.

Keep the product away from high temperature, moisture or dust.

Do not expose the product to high temperature, especially in a window-closed vehicle in summer.

Avoid drop or strong collision of the product, or heavy vibration of the TFT screen; or it may cause damage or abnormal display of the TFT screen.

Please select appropriate volume; it is unadvised to use the earphone in high volume; if a ringing occurs in the ears, please turn down the volume or stop using.

Please charge under the following circumstances:

The battery icon shows no power;

B. The system automatically shut down, and immediately shut down after re-start;

C. The operating button does not respond;

D. The product displays the red icon in the upper-right corner of the product:

Note: This product cannot be used with any unauthorized chargers; otherwise it may burn the product, which is not covered by warranty. If you need additional original charger, please contact the relevant department of our company.

When the player is in formatting or uploading / downloading, please do not disconnect it to prevent system error.

Our company shall not be liable for loss of data caused by damage or repair of the product or any other reason. Please operate the product properly following the user manual.

Do not disassemble the product; do not use alcohol, thinner or benzene to clean the surface of the product.

Do not use the product in places where the use of electronic equipment is prohibited, such as on airplanes.

Please do not use the product when driving or walking down the street, otherwise it may cause an accident.

USB connection is for data transfer only.

* As the product may undergo modifications form time to time, the specifications and appearance are subject to change without prior notice!

(Not for waterproof application)

Note: Pictures in this manual are for reference only!

1. Know Your HANNS Pad
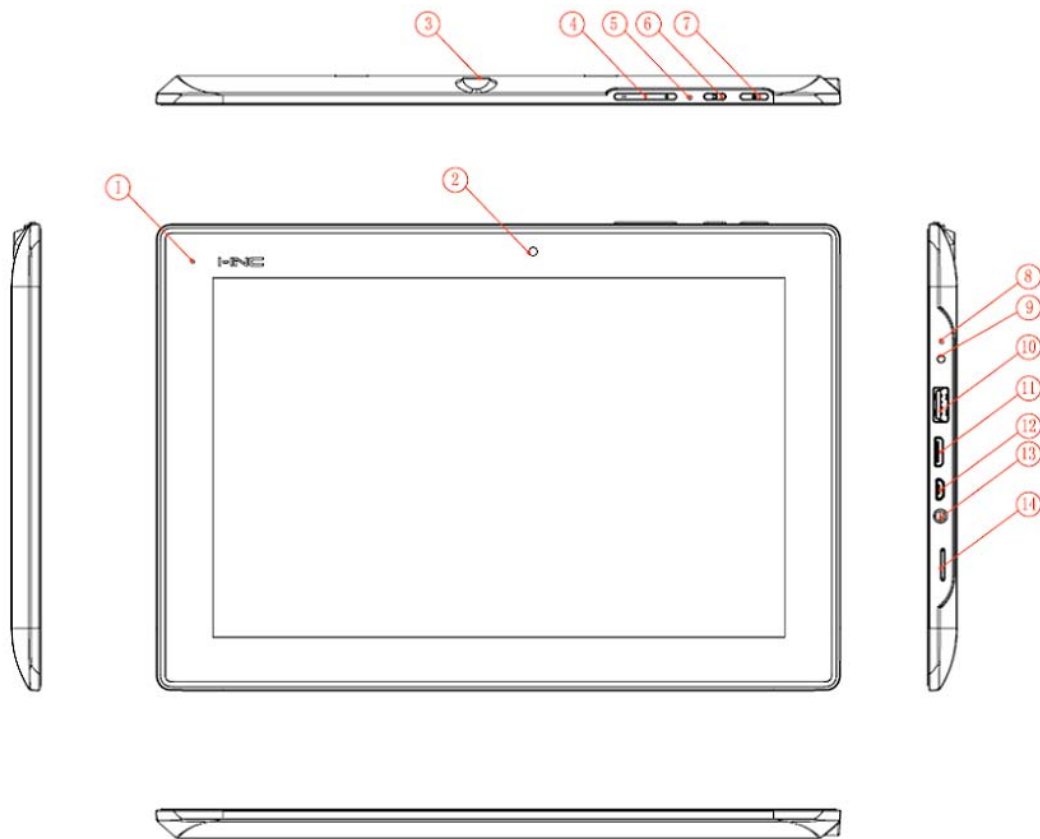
1. Camera lens 2. Volume adjustment keys 3. Power switch 4. Status indicator 5. Microphone

6. Earphone jack 7. Reset 8. Mini USB port. 9. Power DC input 10. Micro SD slot

2. First Use of HANNS PAD

2.1 Battery management and charging

Before the first use of the HANNS PAD, please fully charge the battery:

Insert the charger / adapter into the DC jack to charge the battery.
For the first two times of charging battery, the charging time shall be some 10 hours; and later the charging time is some 5 hours.

This product adopts a built-in polymer battery; you must use the dedicated charger to charge the product.
During charging, the battery icon on the screen will scroll.
When charging is complete, the battery icon will turn green and stop scrolling.
In order to prolong the service life of the product, run it until the battery is depleted before the first two times of charging battery.
When the product is not in using, be sure to turn off the power switch on the product.
If you will not be used for a long time, be sure to discharge and then charge the battery once a month.
When you plug in the charger after the product shuts down due to low power, it may take a while before the product enters the home screen.
Built-in polymer battery must be recharged regularly. Battery damage caused by depletion is not covered by warranty, like damage caused by using of unauthorized charger.

2.2 Turn on/off HANNS PAD

Press and hold [G] button to turn on/off the HANNS PAD. See Device Description.

2.3 Connected to the PC

Using the supplied USB cable to connect the product to PC, you can transfer data or power the product via. Entering the USB disk mode, you can copy, delete files in the player on the PC.

3. Device Operation Interface

3.1 Home screen description

The product enters the home screen after booting. The screen is locked by default. Drag the "XXXX" key to unlock it.

In the home screen you can:

Manage the software icons on the home screen:

Unlock the home screen to enter camera: move the icon to to unlock the screen; move

 to to directly enter the camera from screen-locked status.
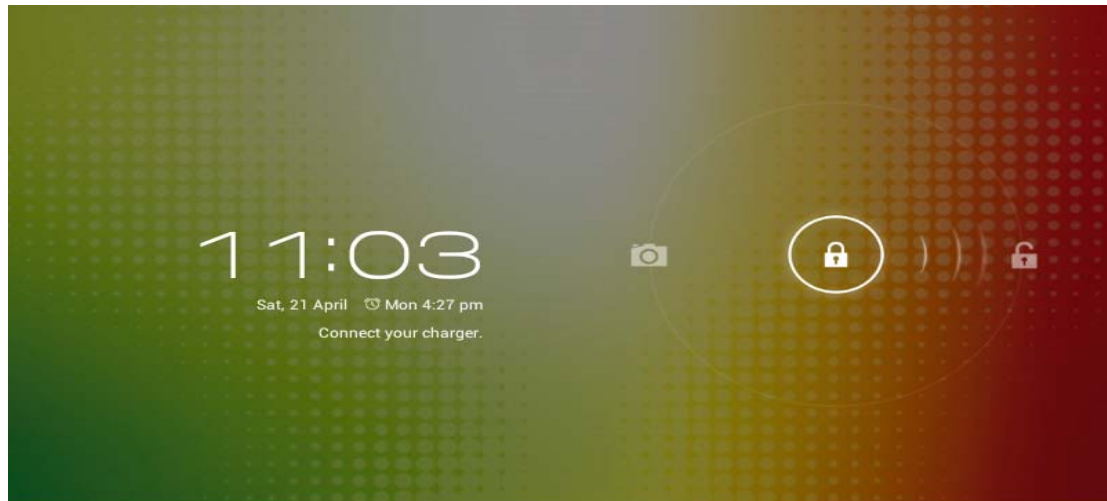
Add software shortcuts: Drag a software icon in the menu screen to the home screen to add a shortcut.

Remove software shortcuts: Long press a software icon in the home screen, the top of the screen will

display "　×　". Drag the software icon to 　×　 until it turns red, and then release the touch screen
to remove the software shortcut.

Long press the touch-screen, Wallpaper option will pop up.

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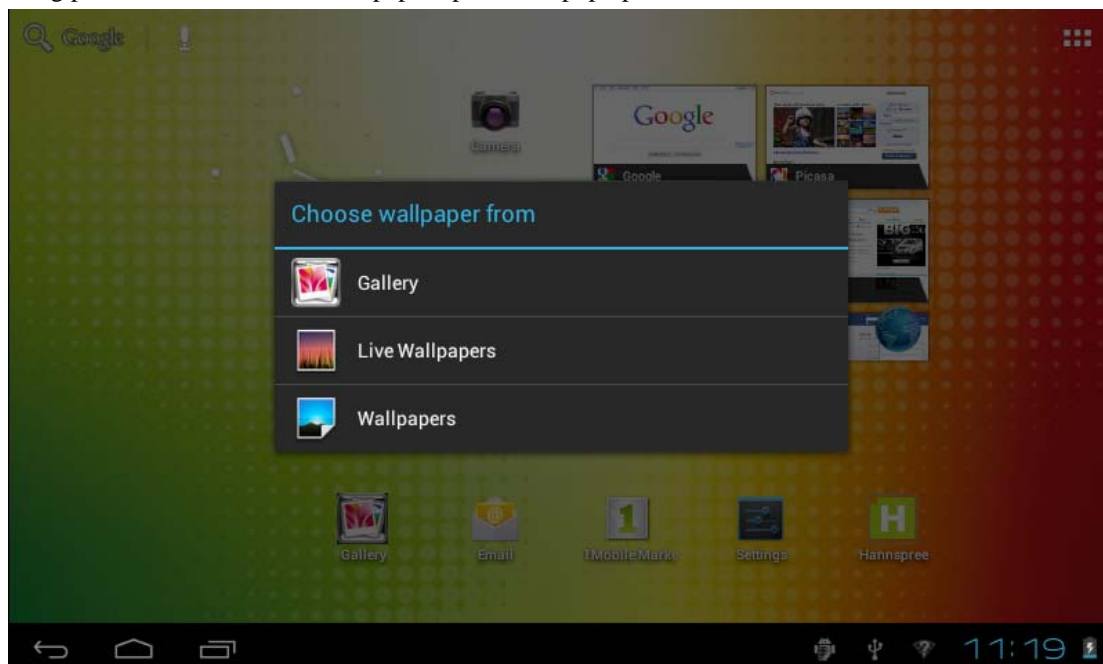
Gallery: Choose a picture from the default system pictures to use as the background of the home screen;

Live Wallpapers: Set up the home screen background pictures, by default is the dynamic wallpaper pictures;

Wallpapers: Select a photo from your library to use as the background of the home screen.

3.2 Menu interface description

Enter the menu by directly clicking the icon " " to select the desired option. e.g. "Camera"\"Search"\"Settings"\"Clock"\"Video", etc.
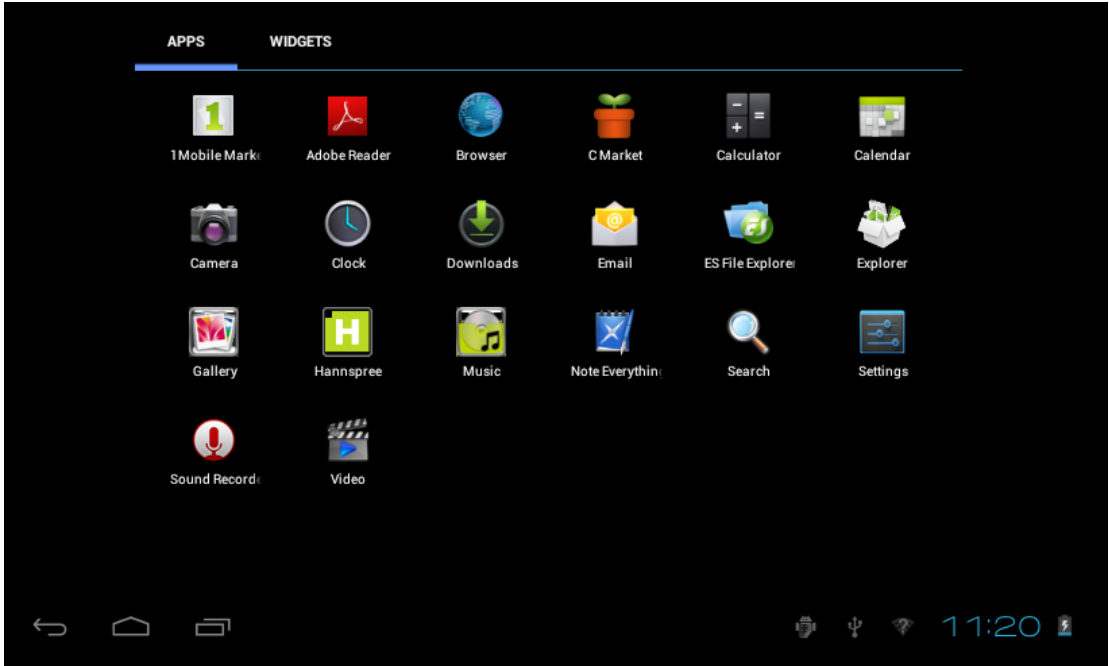
3.3 Status Bar description

The status bar is at the bottom the screen.

Icons at the bottom left are: return; home screen; history records;

The bottom right displays the WiFi signal, the Wifi connection status, battery power\ battery charging status, current time, USB and SD card connection status.

3.4 Use of touch screen

The HANNS PAD is equipped with a 10.1-inch touch screen. The following describes the main touch screen area, and some tips on how to use the touch screen.

Whatever interface you are in, you can return to the home screen directly through touching the " " icon.

In different applications, you can return to the upper layer or previous interface by touching the screen soft key " ".

In different applications, touch the soft key " " to pop up the relevant operation records at the bottom of the screen.

In the main menu interface, you can touch a software icon to run the software.

In different browsers (files, music, video and image browser, etc.), you can drag up and down the scroll bar to scroll the file list. Touch at the position above or below the scroll bar cursor to quickly scroll the list.

In Web browser or PDF reader, touch the page and drag it upward / downward to scroll the page (be careful not to touch the link!)

4. Basic Settings

 Setup: to click on the Settings icon in the menu page to enter the setting interface.
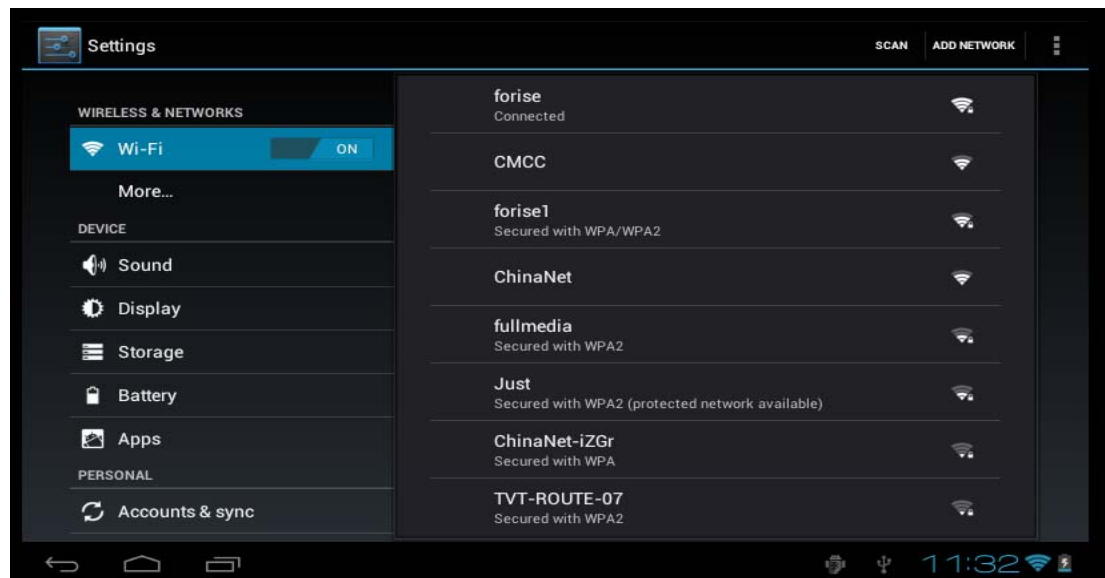
You can set personalized pad application, date and time, configure the network connection, and change the other pad settings; on the left of the pad are the function options; one the right are specific function settings;

4.1 WI-FI and network

4.1.1 WI-FI

Manage the WIFI settings to connect to the wireless network

Wi-Fi: turn on/off Wi-Fi

Click the switch button to turn on/off WIFI. When the button is displayed gray and character prompt is off; click it to enable WIFI, when the button is lit and character prompt is on, click it to disable WIFI;
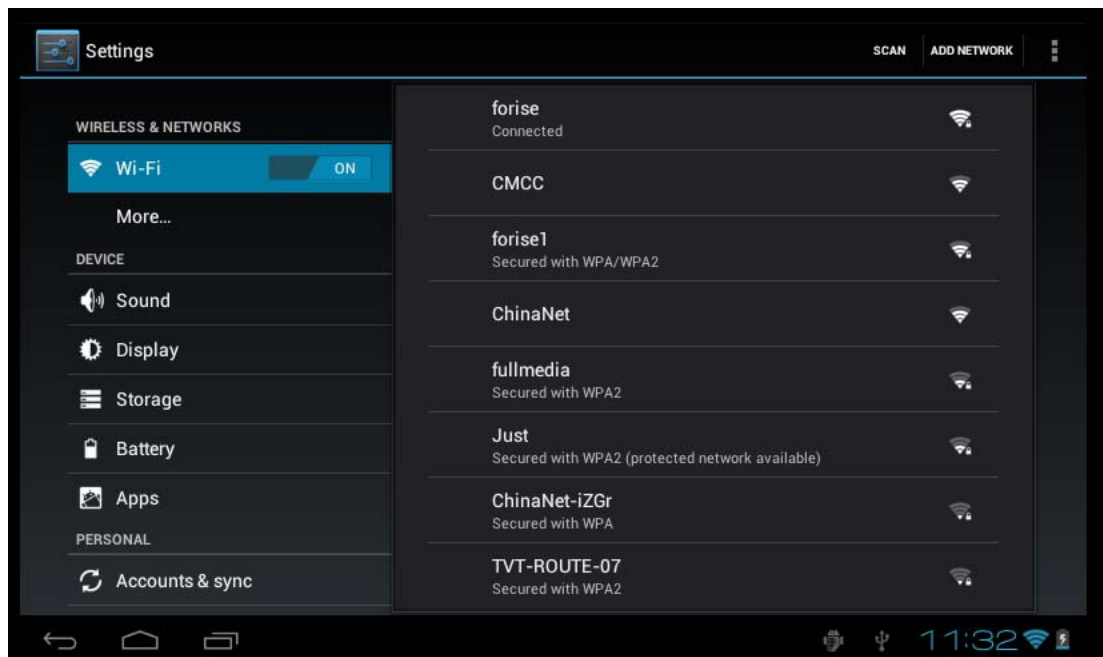
Click the button to turn on WIFI, with status prompt on the right: "Initializing WIFI…". The searched AP names will be displayed on the right. You can connect to the wireless network through IP account and plain code.

Click the button to turn off WIFI, with status prompt on the right: "Turning off WIFI…" The prompt of "To view the available networks, please turn on Wi-Fi" will be shown on the right.
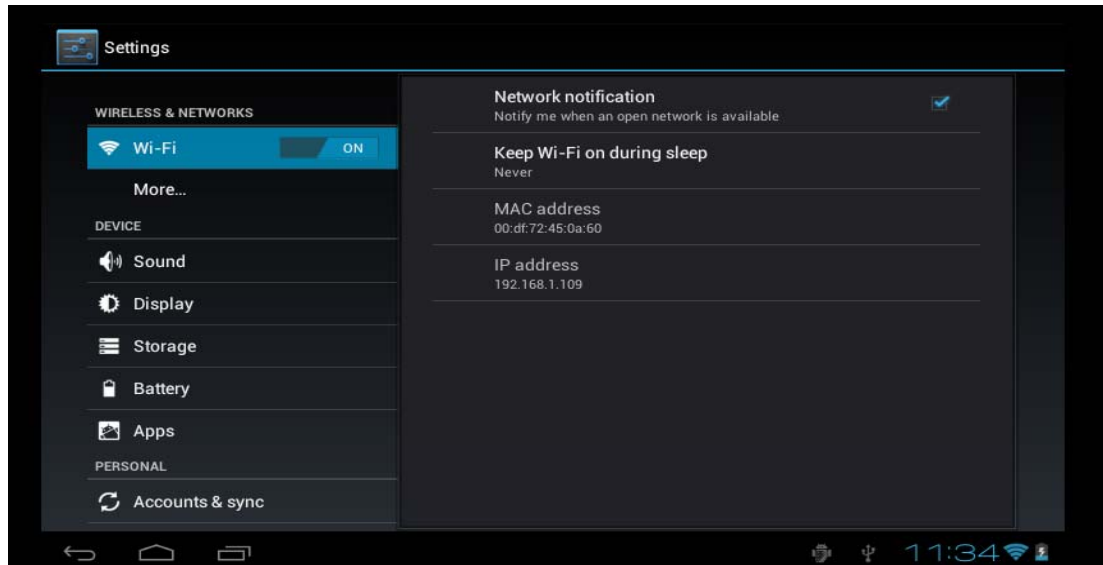
[Note] In the device settings of the product, if not specified otherwise:

Icon on the right side showing indicates WIFI off.

Icon on the right side showing indicates WIFI on.

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: Menu button. Select it to pop up advanced options. Make your choice to pop up the interface:

Advanced Options: view the network properties of the product, such as MAC address and IP address. Attention: When the Network Notification option is checked, the system will automatically scan the network; if it is unchecked, when a new network is detected, you should select scan function and add network function.

 (Scan): manually scan for nearby network AP.

 (Add network): You may manually add network AP if its properties are already known.

For the WIFI router that has been connected before, the product will automatically keep a record. Simply select "Turn on WIFI" in "WIFI setting" to reconnect to the old router; or simply click to select the Wi-Fi router to connect with it. Besides, when WIFI status in WIFI setting is set as On (displaying "Turn off WIFI"), the product will automatically search for previous WIFI routers to connected every time the product is turned on.

4.2 Device

4.2.1 Sound

Set the tone and notice.

Volumes: Including Music • Video • Games and other medium, notice and alarm clock.

Volumes: Adjust the media volume. Click and move on the bar to adjust the media volume.

Default notification: Set the default notification ringtone.

Touch sounds: Produce sound when you make selection on the screen.

Screen lock sound: Produce sound when you unlock or lock the screen.

4.2.2 Display

Brightness: Adjust the screen brightness. Move left or right on the progress bar and click to adjust brightness settings; you can also choose automatic adjustment.

Wallpaper: Change the background of the home screen by 3 options. Refer to Section 3.1 for details.

Auto-rotate screen: When rotating MID, the screen direction changes automatically.

Sleep: Adjust delay before the screen self-lock. There are seven time options for selection: 15 seconds, 30 seconds, 1 minutes, 2 minutes, 5 minutes, 10 minutes and 30 minutes.
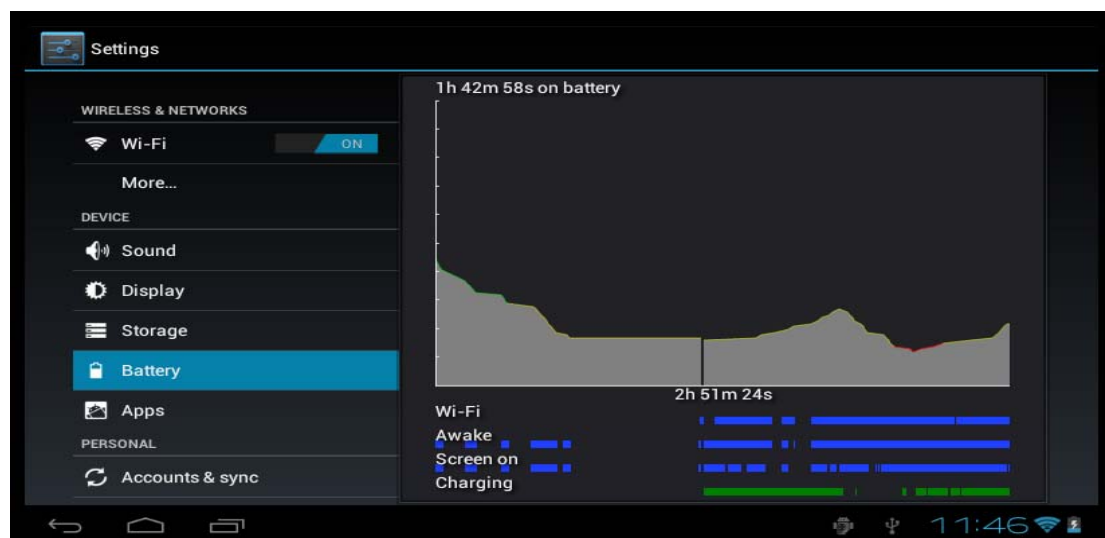
Font size: Set the size of system font, there are four options : Small, Normal, Large, Huge.

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4.2.3 Storage
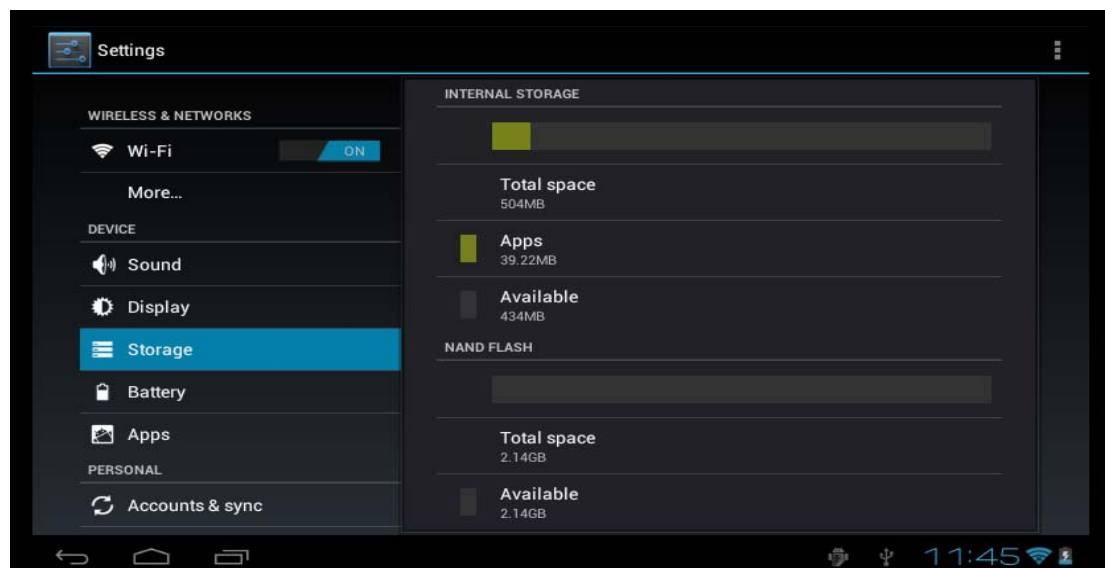
Display the storage status of the device, such as the total capacity, the space occupied by application, images and video, etc.; also including TF card and USB.
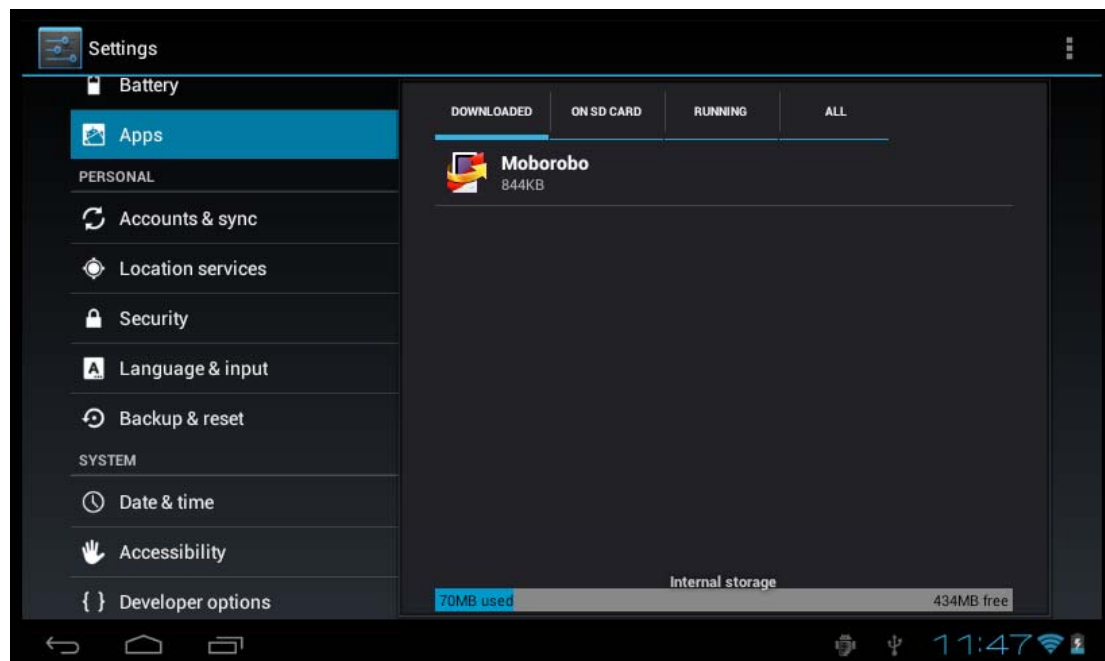
4.2.4 Battery

Display the battery status. Click the icon to see more details.

4.2.5 Application program

Display the status of programs in the device;
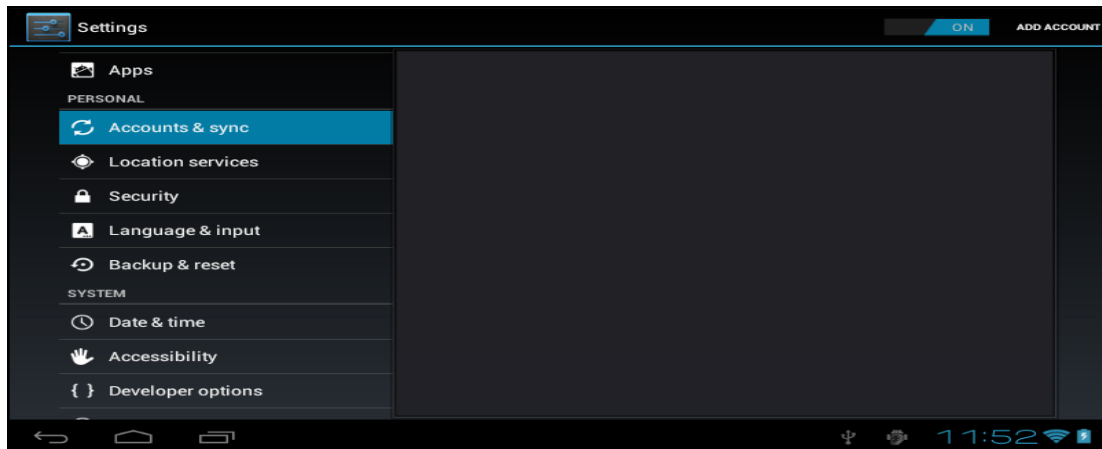
DOWNLOADED : List programs installed by the user.

ON SD CARD : List documents in the SD card.

RUNNING : Display the running programs in the system.

ALL : List all the programs in the device.

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4.3 Personal

4.3.1 Accounts and synchronization

When the equipment logs in Google Market or the calendar, it needs log-in ID to manage the account here.

ON (Account synchronization): Enable/disable synchronization function at the top right corner.

ADD ACCOUNT : Select this option to add new Email account if necessary.

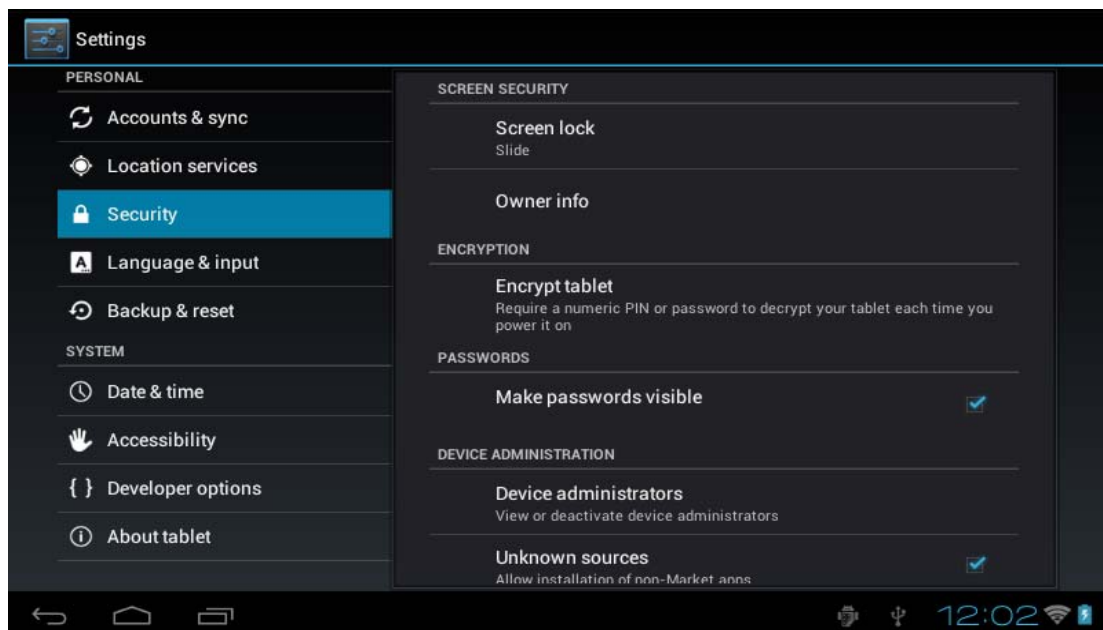### 4.3.2 Location and services

Set your location and interactive options with Google
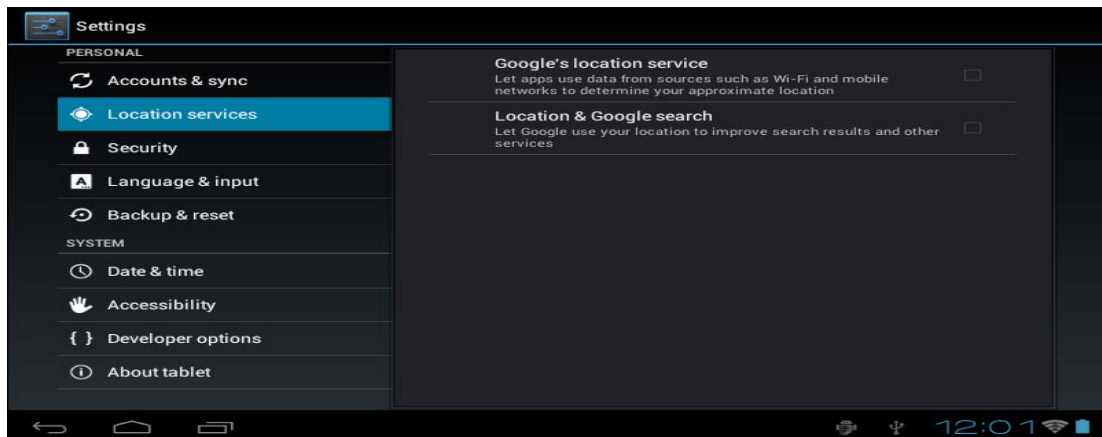
Google's location service: See application programs through wireless network, and confirm the equipment location.

Location and Google search: Allow Google to improve the search results and other services by using the current position information.

4.3.3 Security

Set security option of the device

Screen security protection:

Screen lock: The way of unlocking the screen.

Owner info: Allow entering information such as text.

Encrypt tablet (Encryption): Encrypt the device with a number PIN or password.

Make passwords visible (Passwords)

Device administration:

Device administrators: Manage tools.

Unknown sources: Run and install application programs not from the e-market.

CREDENTIAL STORAGE: Ascertain the legality and credibility of the program with some credentials CA.

Trusted credentials: Store the trusted credentials used by the system or the user.

Install from SD card: To import the trusted credentials from the SD card.

Clear credentials: Clear all the credentials recorded by the system, generally can't be chosen by default.

4.3.4 Language and input method
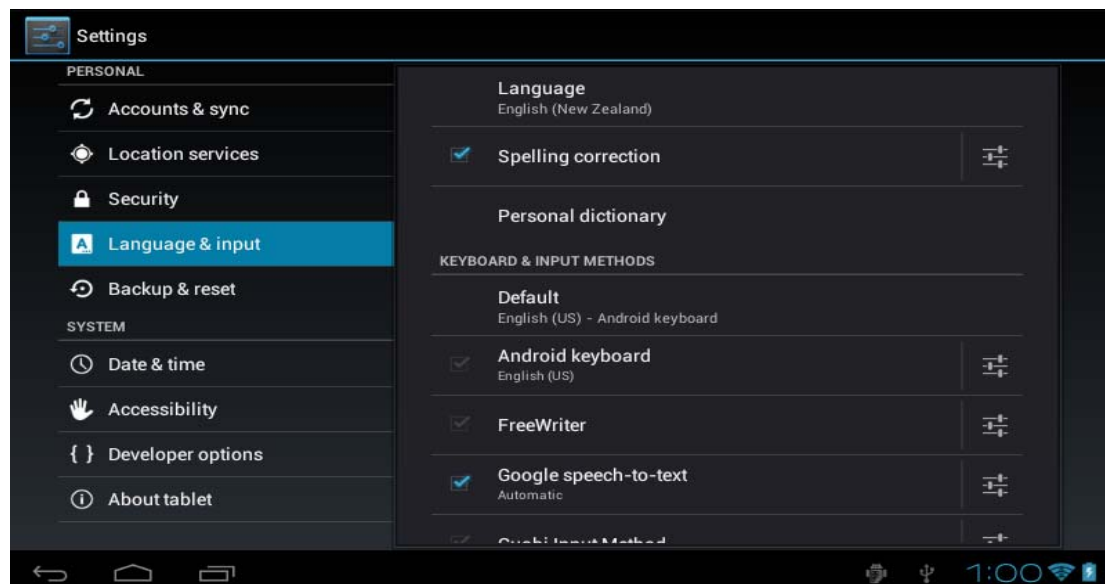
Choose system display language and input method

Language: Choose system language, with 60 options.

Spelling correction: According to the chosen language, the system assists to correct the spelling mistakes.

Personal dictionary: Custom words defined by the user, null by default.
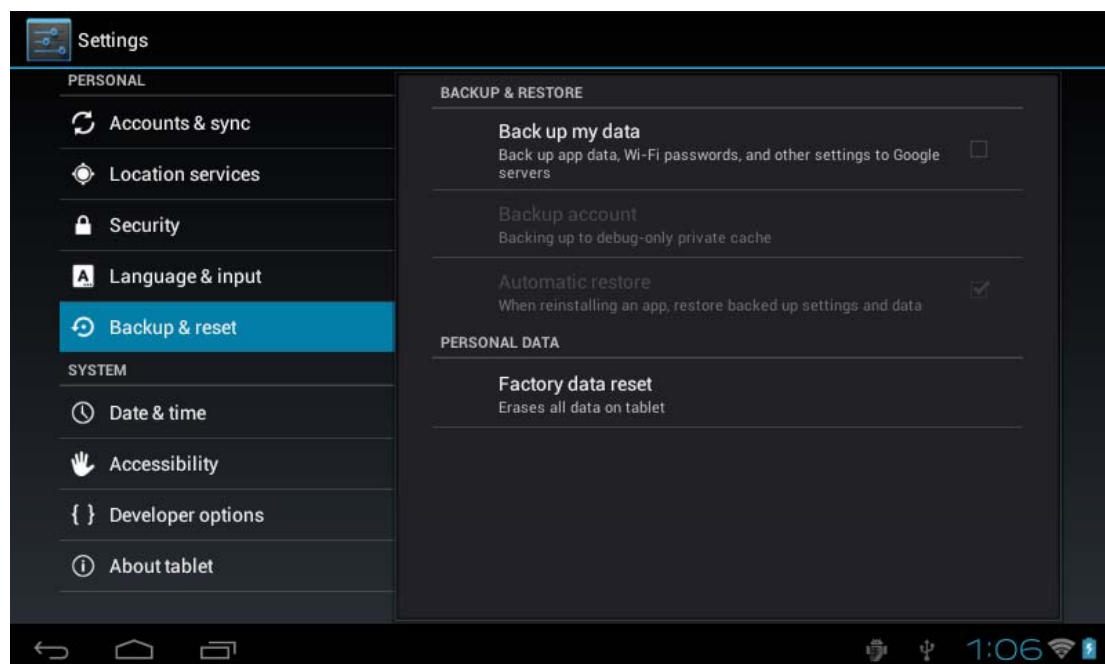
KEYBOARD & INPUT METHODS: Choose to set the system input method.

Default: Google pinyin input method by default.

Android keyboard: Android English input method.

Google speech-to-text: Automatic

4.3.5 Backup and reset

BACKUP&RESTORE

Back up my data: Back up the application data, WIFI code and other devices on the Google server.

Backup account: Used for debugging, and can't be chosen by default.

Automatic restore: After resetting the application program, the system will restore according to the backup data on the server.
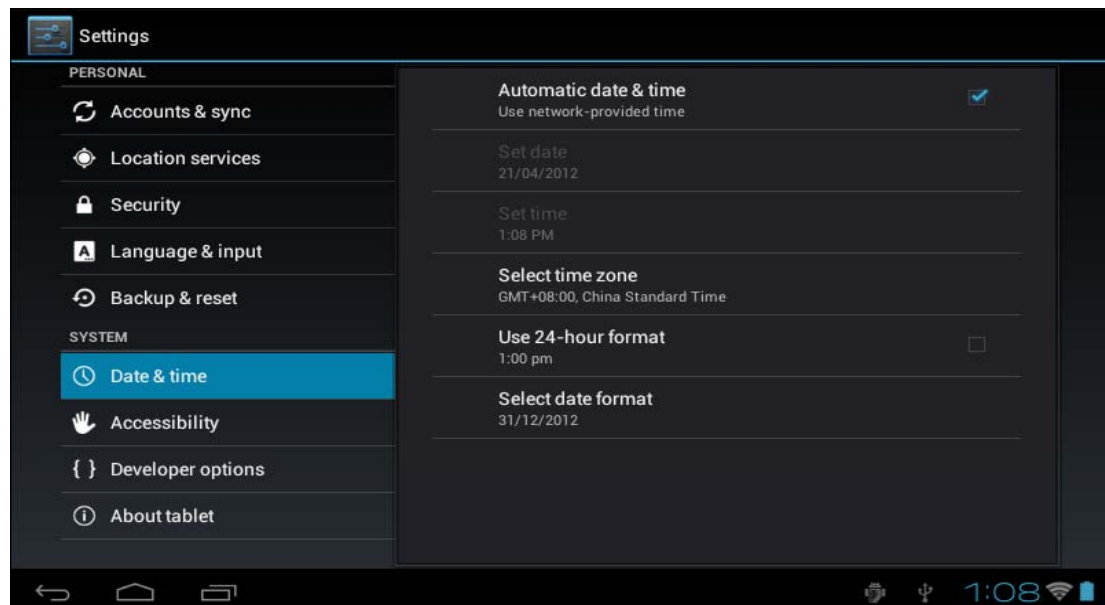
PERSONAL DATA:

Factory data reset: Clear all the data in the tablet PC; generally used to restore the system when it goes wrong.

4.4 System

4.4.1 Date and time

Set the date, time, time zone and format

Automatic date &time: Use the time on the network; it requires access to Internet, restart the device for the settings to take effect.

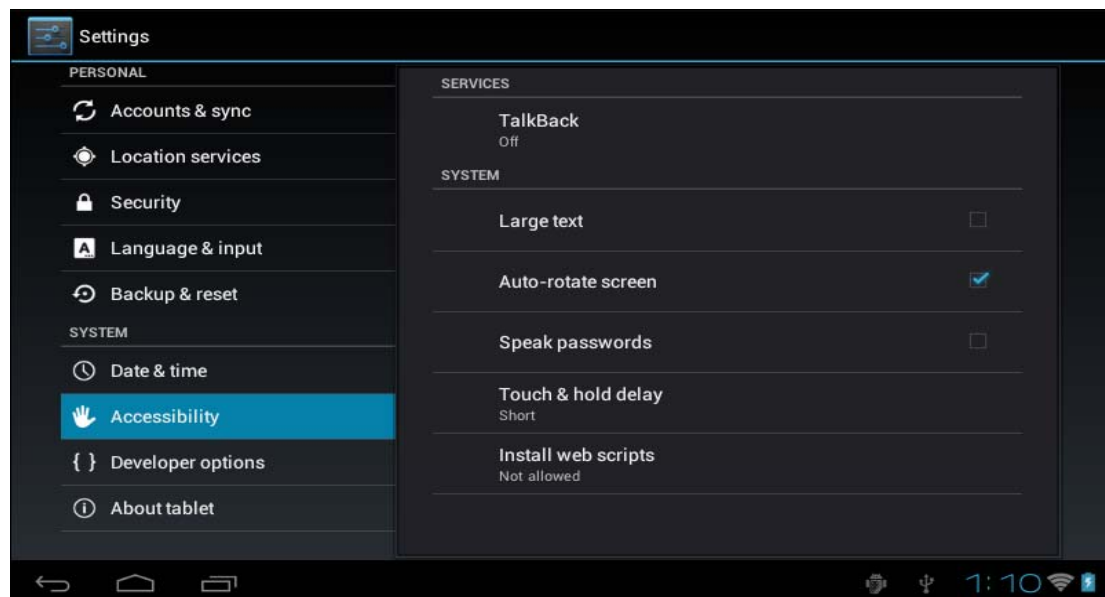Set date: Access to date setting interface and set the date.

Set time: Access to time setting interface and set the time.

Select time zone: Access to time zone setting interface and set time zone.

Use 24-hour format: Set the display format of the time.

Select date format: Display the date by selecting different date format.

4.4.2 Accessory Functions

SERVICES

TalkBack: Collect the text information typed by users (except passwords) and the data about the
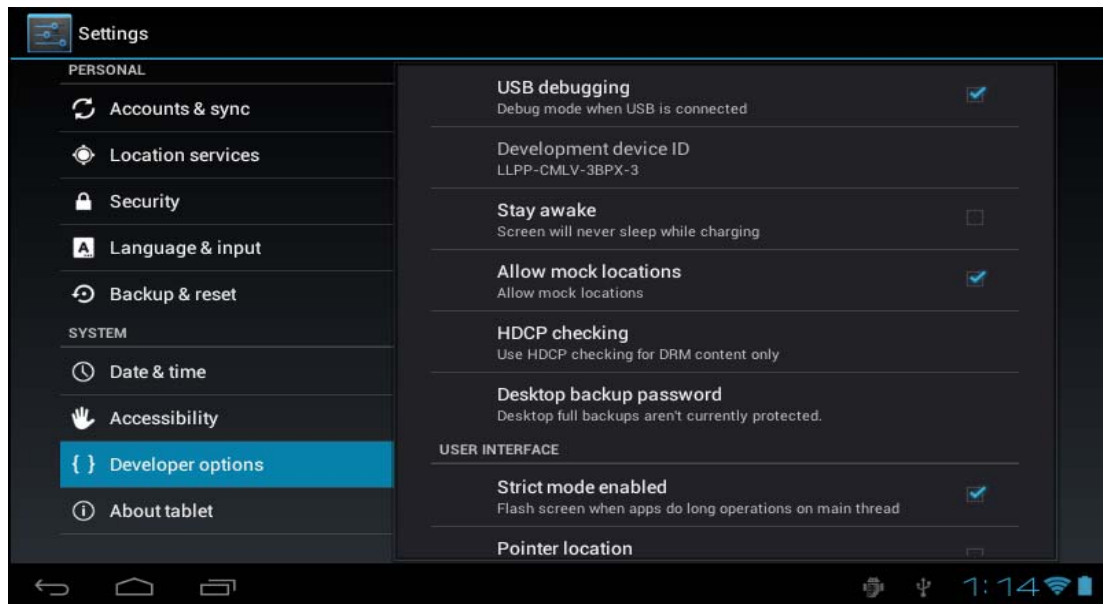tablet's interaction with the user.

SYSTEM

Large text: Select the size of the system display font;

Auto-rotate screen: Adjust the screen direction according to the G-sensor;

Touch &hold delay: Set the response speed of the touch screen;

Install web scripts: whether to install the script from Google or not for viewing the web conveniently;

4.4.3 Developer options

USB debugging : Only applicable to development work, enable it to copy data between computer and the device, install application program on user's device without sending notice and read log data.

Development device ID: read device ID after turning on USB debugging.

Stay awake: The screen stays awake when it is charged in power-on status.

Allow mock locations: positioning the user simulation site in the network map if it is on.

HDCP checking: Use HDCP checking for DRM content only。

Desktop backup password: Desktop full backups aren't currently protected

USER INTERFACE

Strict mode enabled: if it is on, the screen flickers when the main thread operating lasts for a long time.

Pointer location: The horizontal axis indicates users' touch points.

Show touches: Provide visual prompt for touch operation.

Show screen updates: When the screen area updates, the corresponding area flickers.

Show CPU usage：Screen overlay showing current CPU usage.

Force GPU rendering: Use 2D hardware acceleration in the application program.

Window animation scale: Close the animation.
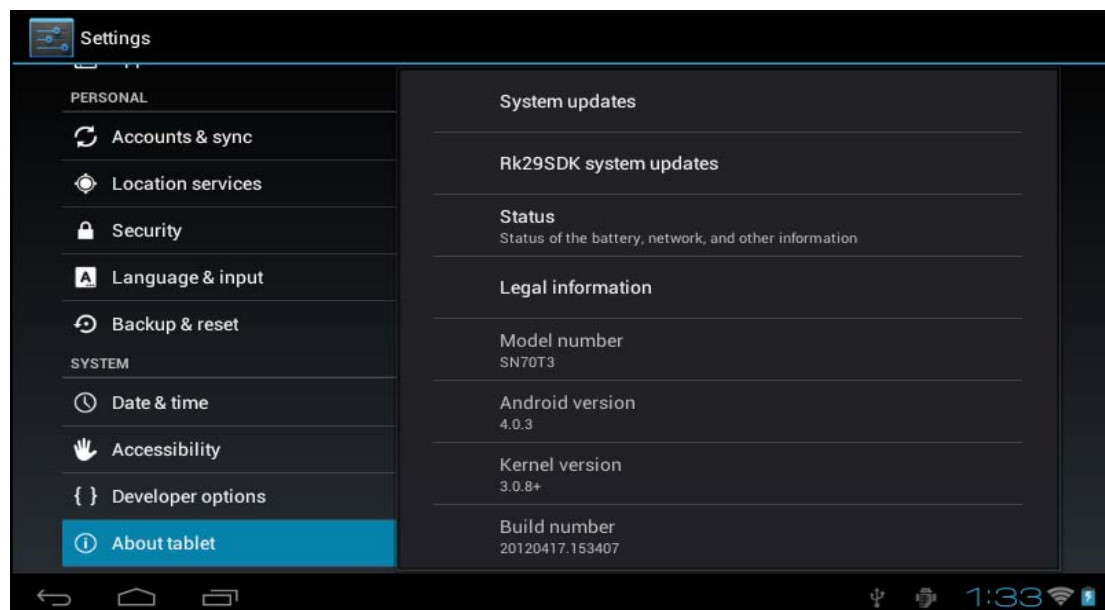
Transition animation scale: Close the animation.

APPS

Don't keep activities: Destroy each activity after the user leaving.

Background process limit: Standard limit.

Show all ANRs: Display "Application no response" dialog box for background applications.

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4.4.4 About tablet PC

System updates: Detect the system version and upgrade.

Status: Status of tablet PC, including battery power, network Bluetooth, uptime, etc.

Legal information: code development license and Google legal information.

Model number: device model

Android version: The version number of Android.
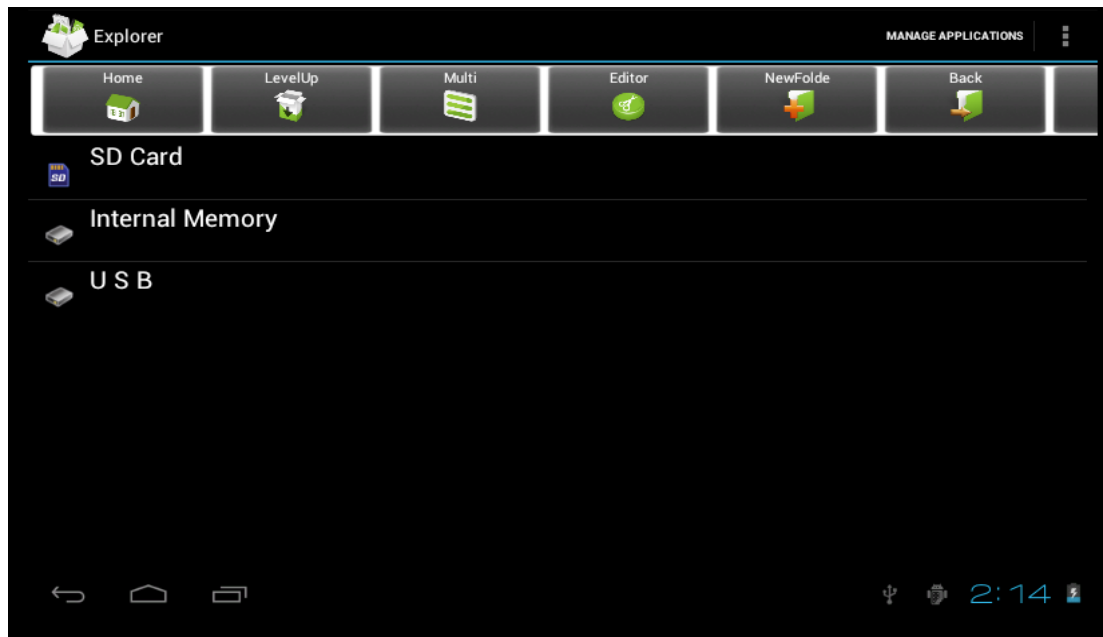
Kernel version: The version number of Linux core.

Build number: The customized version number, used for distinguishing the system software.

5. Software application and operation

5.1 ES File explorer

Click " " to enter the Explorer. You can browse the files in the USB disk, T-Flash card and the Tablet PC.

: Return to the home screen of the Explorer.

: Return to the previous directory.

: Select two or more files at the same time.

: File Editor; such as: cut, copy, delete, rename, multi select.
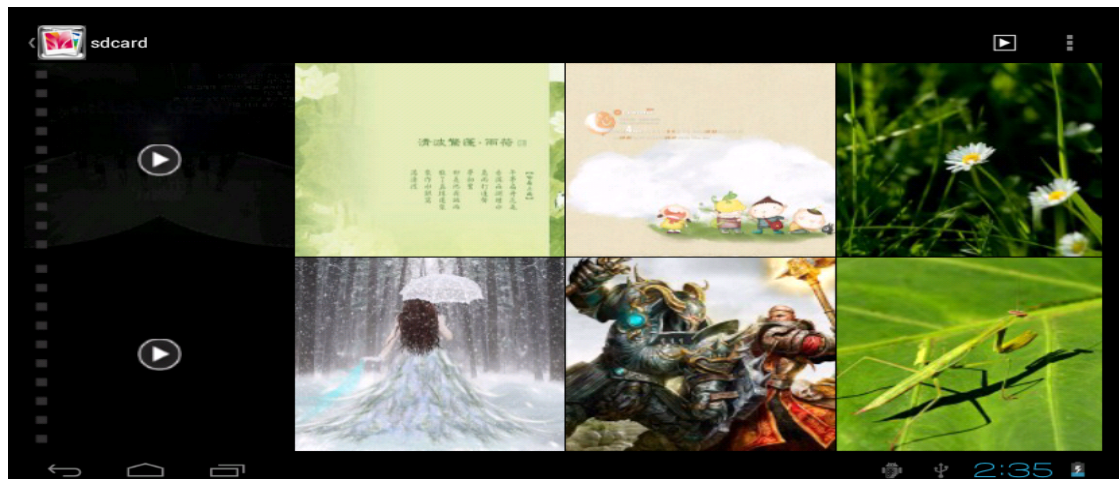
: New folder.

: Switch to the previous directory.

: Switch to the next directory.

5.2 Picture browsing

Click " " in the program to enter the picture browser; enter the picture list and click the picture you want to see.

Basic operations

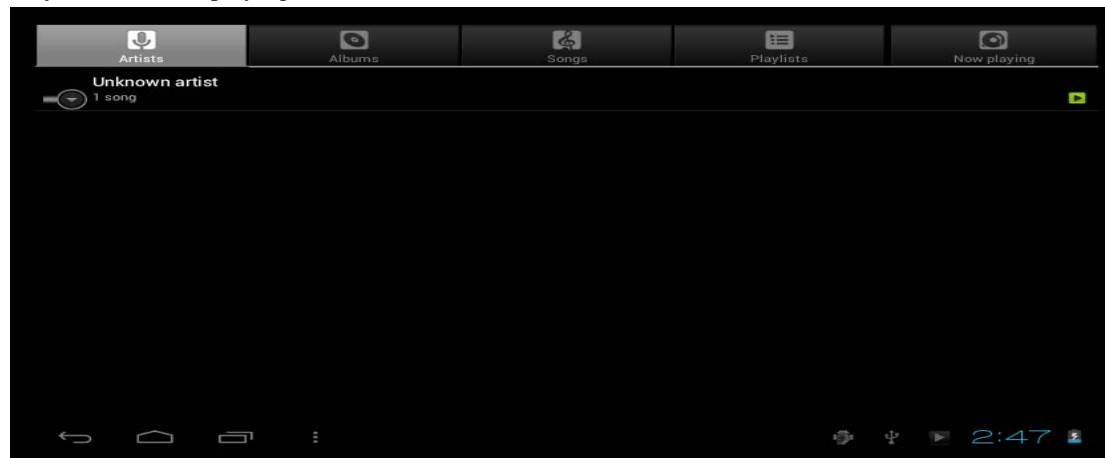In the picture browsing state, touch the screen and the control bar of the picture player will pop up.

: Delete the picture.

: Set, edit and read the picture

5.3 Music playback

Simply click the icon " ▣Music " to enter the music list. The options are —Artists, Albums, Songs, Playlists and Now playing.

Playback list

The playback list displays all tracks that will be played automatically in sequence.

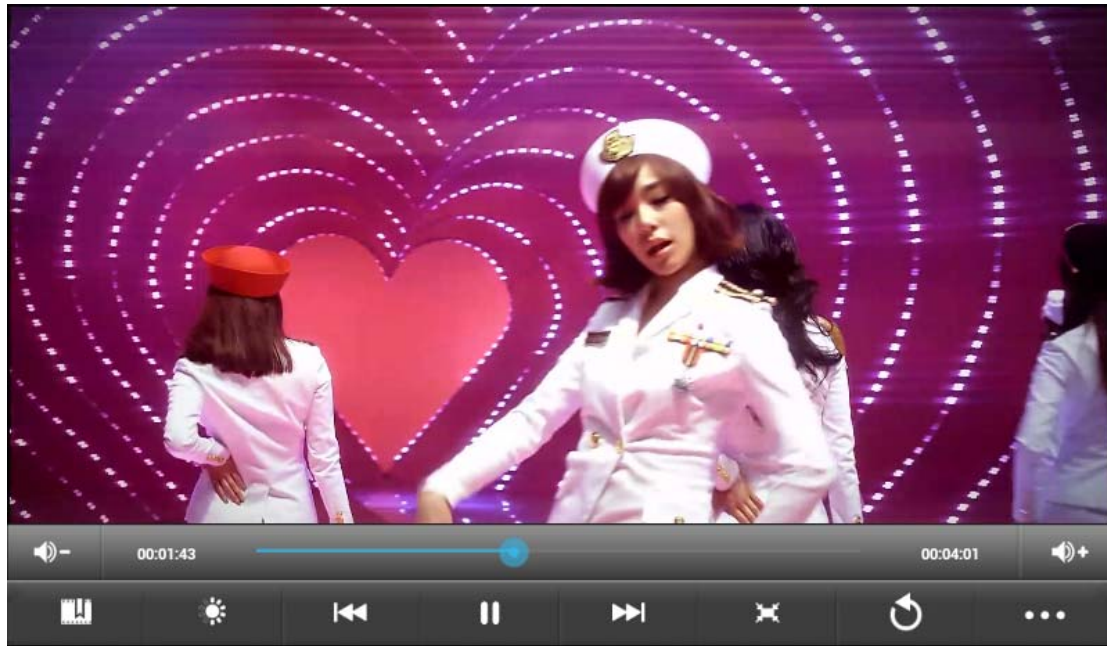You can play, create and edit play lists in the tablet PC device.

[Note] When you delete a playback list, the music files will not be deleted.

5.4 Video player

Click ▣Video to enter the Video Player.

The Video Player list will automatically load all video files in the tablet PC device. In the video list, click an item to play the video.

Touch screen and the control bar of the video player pops up in the video playing state.

[icon]: Set bookmarks which can be used as starting point for video playing.

[icon]: Adjust the brightness of video display.

[icon]: Previous video, press and hold it for fast backward.

[icon]: Icon: pause.

[icon]: Playback

[icon]: Next video; press and hold it for fast forward.

[icon]: Change the display mode (full screen, original size, 16:9, 4:3). Click it repeatedly to select your desired display mode.

[icon]: Return to the previous directory.

[icon]: Pop up submenu.

Delete bookmarks to play from the start: Click it to delete the set bookmark.

Clear Bookmarks: Click it to clear all set bookmarks.

Help: click it to display functions of the icon.

Version information: it will display version information of the player.

Back: return to the playing state.

[icon]: Reduce the volume; press and hold it to reduce volume continuously.

[icon]: Increase the volume; press and hold it to increase volume continuously.

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Touch the progress bar ![progress bar] 00:00:10 ▢ 00:03:40 to directly go to your desired position; you can drag the cursor on the progress bar to other position.

5.5 Web browser

Click " [Browser icon] " to enter the browser and view the webpage.

[Menu icon] : Pop up setting menu.

[Back arrow icon] : Return to the previous step.

[Forward arrow icon] : Go to the next step
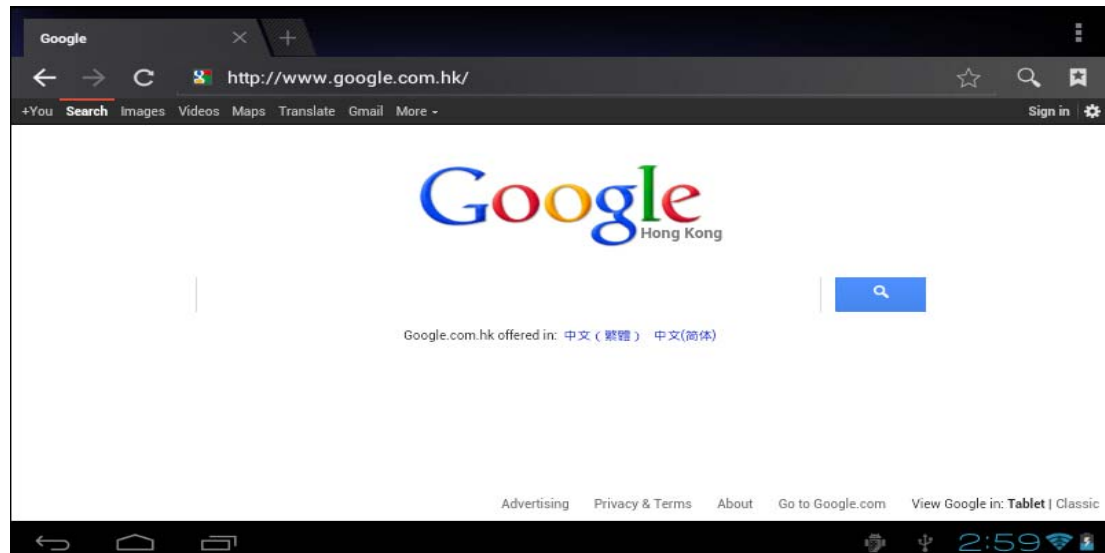
[+You Search Images Videos Maps Translate Gmail More ▾] : Select the items you need to browse.

[Search icon] : Start search

Forward/ backward: go forward/ go backward.

5.6 Email

Click " [Email icon] " to enter email setting. Enter the account, e-mail address and password to make settings.

5.7 Calendar

Click " " to enter the calendar setting.

5.8 Alarm clock

Click " " to enter the alarm clock setting.

Every day: the alarm clock rings every day at the same time.

Monday-Friday: the alarm clock rings from Monday to Friday at the same time.

None: the alarm clock rings just once.

Click the clock: select the clock mode.

6. Product Specification

Platform	Operating System	Android 4.0.4
	Processor	ARM Cortex A9, Dual CPU core + Quad GPU core, 1.5 Ghz (Rockchip RK3066)
	Chipset	Build in
	Memory	DDR III 800 Mhz 1GB on main board
Storage	Storage	NAND FLASH 8GB on main board
	Card reader	Micro SD Card, Max support 32GB
Supporting File Format on H/W platform	Graphic support(option)	JPEG baseline JPEG progressive GIF87a (still gif) GIF89a (animate gif) PNG BMP WBMP
	Video format support(option)	MKV (H.264 HP), FLV, MPEG 1, MPEG 2, MPEG 4
	Audio format Support(option)	MP3/AAC/AC3/WAV
Panel	Brightness	LCD Panel with LED backlight
	Resolution	10.1 inch , 16:10, 1280x800
	Type	Capacitive type
	Sensor (points)	Multi touch (Supported 10 points)
Communications	WLAN	WLAN 802.11 b/g/n
	Bluetooth	N/A
	Camera	Dual Camera, Front: 0.3M pixel FF, Back: 2M pixel AF

	G Sensor	Yes , resolution : 8 bits
	3 axis Accelerometer	Yes , Supported x/y/z axis , and +/- direction
I/O Port	Adaptor	AC 100 ~ 240V, 5V/2 A (DC Jack in)
	Headphones	Yes, 3.5mm x 1
	Microphone	Yes, Built in Mono MIC.
	USB 2.0	Micro USB x 1
		Standard USB 2.0 port x1
	HDMI output	mini HDMI outputx1, output support 1080P
	Speakers output	Speaker 1W x2, 8 ohm
	Micro SD	Micro SD x 1, Max. supported 32GB
LED Indicator		Power Charger (Red), Power off (All LED Off)
Power	Battery	Li-Polymer, 6000mAh/3.7V above
	Operation Battery Life	> 5 hours @ Video playing , WiFi off , WebCam off .
System Operating Condition	Temperature	0 to 35 degree
	Humidity	10 ~ 85%
Physical	Dimension (W*D*H mm)	260.8x177.5x11.3mm
	Packing dimension (W*D*H mm)	TBD
	Case Material	Material: All Plastic
	Net weight	<600g
Controls	Hot Keys	Power, Volume +/-, Home, Reset

7. Troubleshooting

Q1: The player cannot boot.

1. Check the battery power.

2. Check whether the power key is ON.

3 Connect the power adapter and then check again.

4. If it cannot boot after charge, please contact your dealer.

Q2: After booting, the screen keeps flashing or the device powers off.

Battery is running low. Please charge it.

Q3: Cannot hear sound from headphones

1. Check whether the volume is set to "0".

2. Check whether the music file is damaged. Try to play other music for sure. If the file is damaged, it may result in noise.

Q4: Cannot copy a file or cannot play music files, etc.

1. Verify whether the computer is properly connected with the player.

2. Verify whether the storage is full.

3 Verify whether the USB cable is damaged.

4. Whether the USB is disconnected.