Functional Specifications

Android Network Digital Signage

(7.1 version)
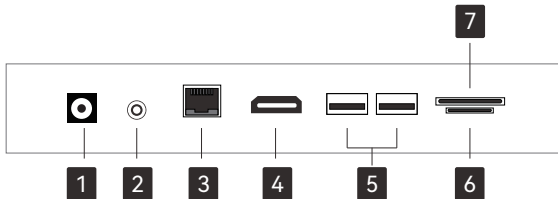
Revision
2.0

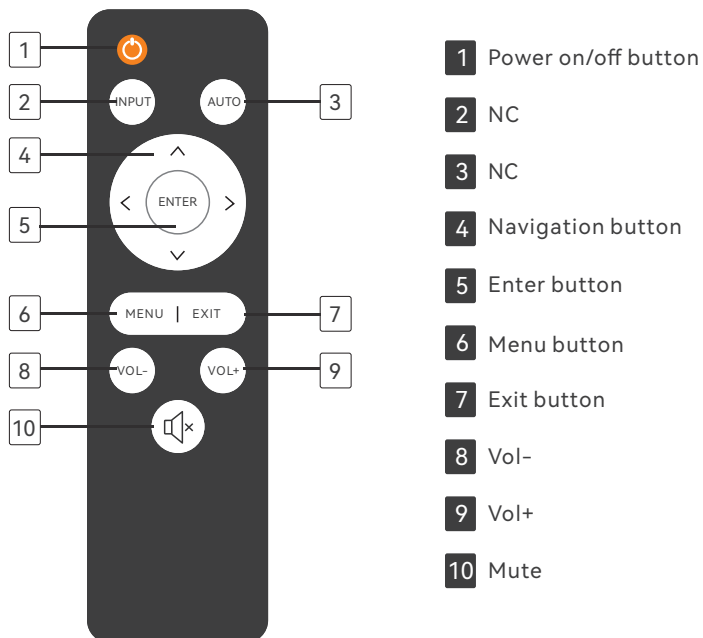# Content

Machine Interface Description

Interfaces

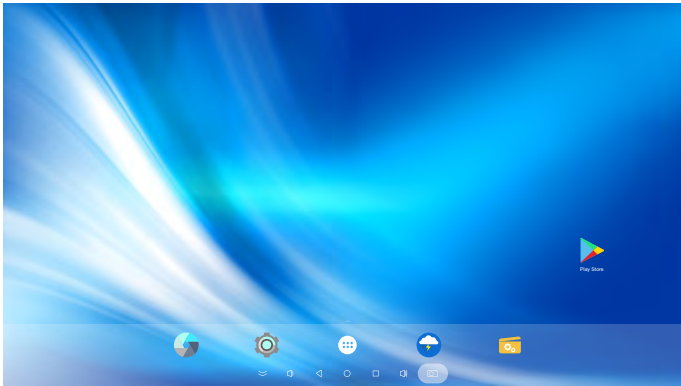Note: Please pull out the power plug before installing or disassembling the unit!

1 DC 12V
2 Audio OUT ports: This port is the audio signal output port.
3 RJ45 Port: This is the grid interface Support connection to 100 mbit/g network.
4 HDMI port: This port is used to connect HDMI signals.
5 USB port: This port is for software upgrades and playback of audio and video files from USB sticks.
6 TF Port : This is the TF card interface.
7 SIM Port : This is the SIM card interface.

Remote Control Instructions

The remote control is shown below:

1	Power on/off button
2	NC
3	NC
4	Navigation button
5	Enter button
6	Menu button
7	Exit button
8	Vol-
9	Vol+
10	Mute

Remote control buttons: 1 (power), 2 INPUT, 3 AUTO, 4 (navigation up/down/left/right), 5 ENTER, 6 MENU, 7 EXIT, 8 VOL-, 9 VOL+, 10 (mute)

Description Of Basic Operation

Android 7.1 operating system（RK3288)

Description Of Basic Operation

1. Functional description

◆ 1.1 In the navigation bar at the top of the machine, the following icons appear in different situations.

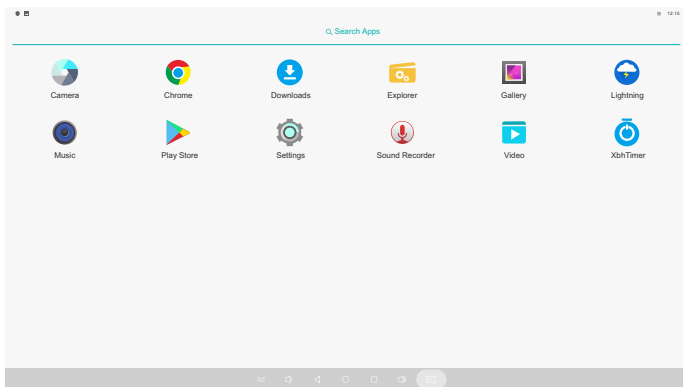| Icons	Description
⟨⋯⟩	Connecting the network cable
▧	No 4G internet card inserted
✈	Turn on flight mode
🛜	Connecting to WIFI

◆ 1.2 The navigation bar at the bottom of the machine helps you to operate it more easily.

Icons	Description
○	Home button
□	Open uncleared background
◁	Exit button
🔉	Volume down
🔊	Volume up
📷	Screenshot function
≋	Hide the navigation bar

Description Of Basic Operation

◆ 1.3 Description of the application icons that come with the system.

Icons	Description
	Open application bar.
	Google Play Store.
	File Manager.
	Timed on/off function (set on/off interval over 5 minutes).
	Settings (go to menu to set as required).
	Recorder: (requires machine with microphone) to record audio files.
	Video player: can support automatic reading and playback of videos from memory.
	APK Installer: This feature supports detection of app installers in the device storage and installation.
	Google Chrome: this browser can be used to access the web when connected to the internet.
	Camera (the device needs to be connected to a camera in order to use it): use the camera to take pictures, record videos and adjust the photo ratio in the camera settings.

Description Of Basic Operation

2.Introduction to system settings

Settings

Wireless & networks

Wi-Fi
Disabled

Data usage
O B of data used

More

Device

Display
Adaptive brightness is off

Notifications
All apps allowed to send

Sound
Ring voluma at 71%

Apps
21 apps installed

Storage
335 MB of 4.39 GB used

Memory
Avg 447 MB of 2.0 GB memory used

Users
Signed in as owner

USB DEBUG

Personal

Location
ON / Device only

Security

Accounts

Google

languages & input
English(ZH)

Backup & reset

System

Date & time
GMT-04:00 Eastern Daylight time

Accessibility

Description Of Basic Operation

◆ 2.1 **WiFi**
Disconnected
Click on the icon to turn on the wifi function and connect to the detected wifi.

◆ 2.2 **Display**
Adaptive brightness is OFF
By clicking on the icon, the following function options can be set.

2.2.1 **Brightness level** Adjusting the backlight brightness (the light-sensing function needs to be switched off for the adjusted brightness parameter to be valid).

2.2.2 **Light sensor**
Optimize Brightness Level For Available Light
Light-sensitive functions.

2.2.3 **Wallpaper** Wallpaper settings.

2.2.4 **Sleep**
Never
Screen sleep.

2.2.5 **Screen saver** Screen savers.

2.2.6 **Font size**
Default
Font size.

2.2.7 **Display size**
Default
Display size.

2.2.8 **Rotate the main Screen**
Rotate direction 0
Screen rotation.

2.2.9 **HDMI** HDMI output settings.

2.2.10 **Hide the statusbar** Top navigation bar hide switch.

2.2.11 **Hide navigation bar** Bottom navigation bar hide switch.

Description Of Basic Operation

◆ 2.3   **Notifications** All apps allowed to send   Click on the icon to set the app's notification permissions.

◆ 2.4   **Notifications** All apps allowed to send   Click on the icon to set the system volume and notification tone.

◆ 2.5   **Apps** 15 apps installed   Click on the icon to set app permissions and to uninstall the app.

◆ 2.6   Screenshot Setting   Click on the icon to set the screenshot storage path and the screenshot function switch.

◆ 2.7   USB DEBUG   Click on the icon to set up the conversion of one of the USB ports to an OTG port.

◆ 2.8   **Languages & input** English(United States)   Click on the icon to change the country language and to set the input method keyboard.

◆ 2.9   **Backup & reset**   Click on the icon to restore the system to factory settings and back up data.

◆ 2.10   **Date & time** GMT + 08:00 China Standard Time   Click on the icons to change the time, date and time zone.

◆ 2.11   **About device** Android 7.1.2   Click on the icon to view information about the system.

Description Of Basic Operation

3. Instructions for using the function

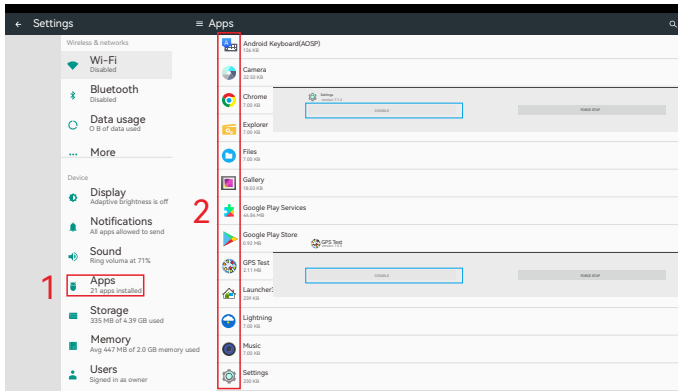◆ 3.1 USB switch OTG function
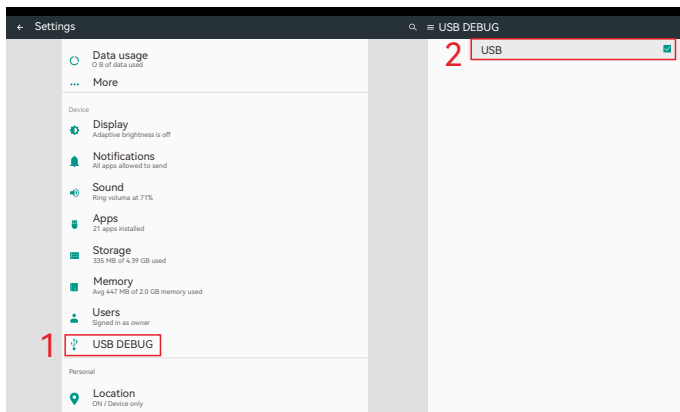
3.1.1 Accessing the setup screen.

3.1.2 Open the USB DEBUG menu bar and tick USB on, one of the USB ports will become an OTG port.

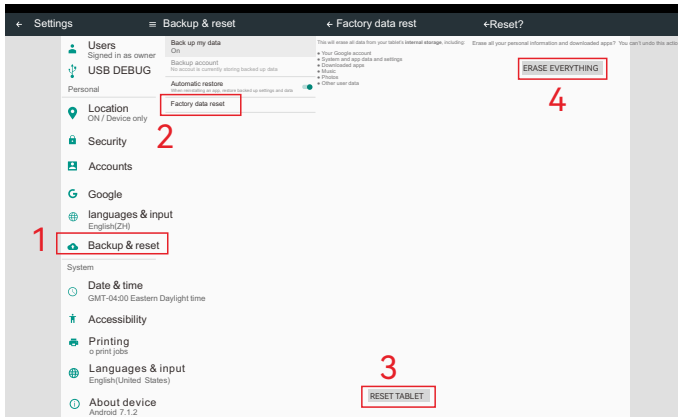# Description Of Basic Operation

◆ 3.2 Software uninstallation

3.2.1 Accessing the settings screen.

3.2.2 Open the apps menu bar and select the icon of the app you need to uninstall.

3.2.3 Click on the UNINSTALL button to uninstall the software, of which the software that comes
    with the system cannot be uninstalled.

Description Of Basic Operation
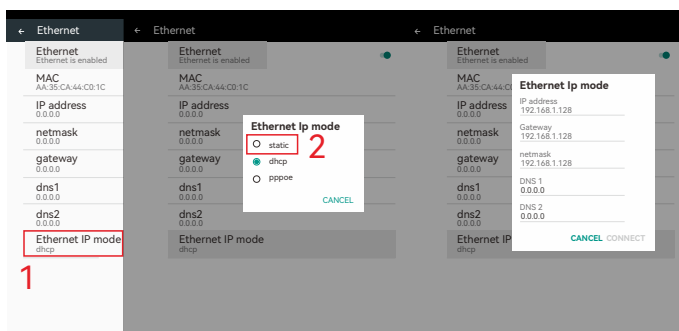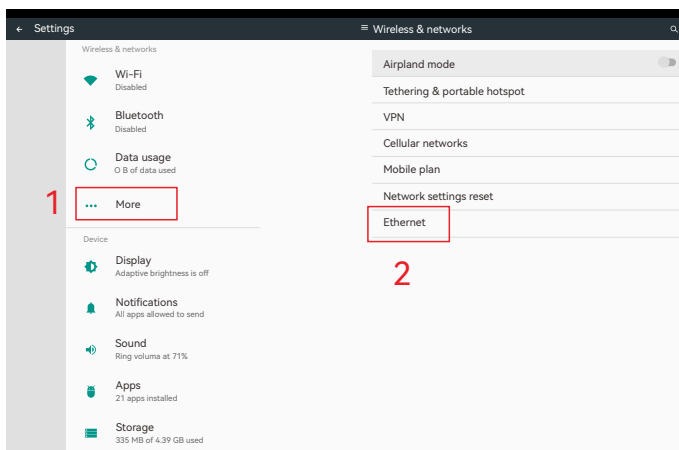
◆ 3.3 Restoring factory settings

3.3.1 Accessing the settings screen.

3.3.2 Open the Backup&reset menu bar and select Factory data reset.

3.3.3 Click on reset tablet and then click on erase everything.

Description Of Basic Operation
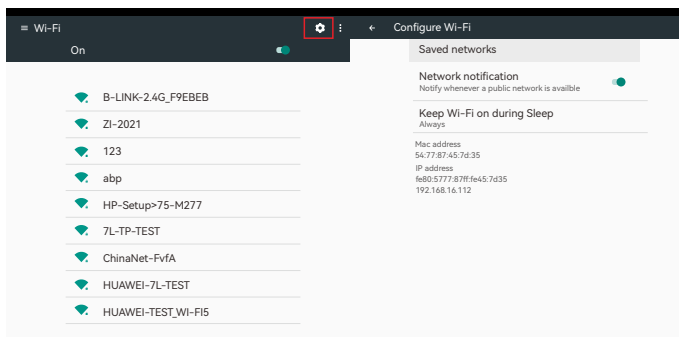
◆ 3.4 Modifying the LAN static IP

3.4.1 Accessing the settings screen.

3.4.2 Open the more menu bar and click on Ethemet to enter the network settings.

3.4.3 Click on Ethemet ip mode to select the network mode, click on static to bring up the network ip settings page.

Description Of Basic Operation

◆ 3.5 Checking the ip and MAC address of WiFi

3.5.1 Open WiFi settings and click on the gear icon in the top right corner to see the mac address as well as the ip address of the WiFi.

◆ 3.6 Files in mobile storage
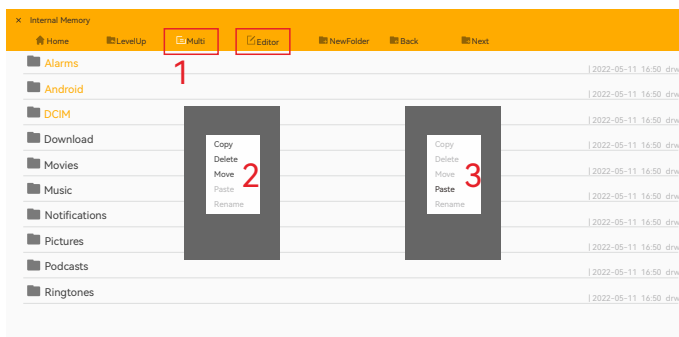
3.6.1 Opening the Explorer

Explorer

3.6.2 Click on (Multi-select - select the file to be moved) and the selected file will have its file name turned yellow.

3.6.3 After clicking (Edit) a dialog box pops up, click (Move).

3.6.4 Open the folder to which you want to move the file to. Click on (Edit) and a session box will pop up, select Paste and the file will be copied in automatically.

Optional Storage Parameters

RAM	ROM
2GB	8GB
4GB	16GB
	32GB

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Revision   2.0
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