

Tablet PC User Manual

Model: V2, MM8002Q

Manufacturer: Shenzhen Mammon Technology Co., Ltd

Caution: 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.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

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.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter.

1 Description

WIFI part parameters are showed in below diagram

Feature	Description
WLAN Standard	IEEE 802.11b/g/n, WiFi compliant
Frequency Range	2.412 GHz ~ 2.462GHz
Number of Channels	2.4GHz : Ch1 ~ Ch11
Modulation	802.11b : DQPSK, DBPSK, CCK 802.11 g/n : OFDM /64-QAM, 16-QAM, QPSK, BPSK
Max. Peak Output Power	802.11b /11Mbps : 9.74 dBm @ EVM $\leq$ -9dB
	802.11g /54Mbps : 8.83 dBm @ EVM $\leq$ -25dB
	802.11n /65Mbps : 7.71 dBm @ EVM $\leq$ -28dB
Receive Sensitivity (11n, 20MHz) @10% PER	- MCS=0 PER @ -85dBm, typical
	- MCS=1 PER @ -84dBm, typical
	- MCS=2 PER @ -82dBm, typical
	- MCS=3 PER @ -80dBm, typical
	- MCS=4 PER @ -77Bm, typical
	- MCS=5 PER @ -73 dBm, typical
	- MCS=6 PER @ -71 dBm, typical
	- MCS=7 PER @ -69 dBm, typical
Receive Sensitivity (11g) @10% PER	- 6Mbps PER @ -86Bm, typical
	- 9Mbps PER @ -85dBm, typical
	- 12Mbps PER @ -85dBm, typical
	- 18Mbps PER @ -83dBm, typical
	- 24Mbps PER @ -81dBm, typical
	- 36Mbps PER @ -78Bm, typical
	- 48Mbps PER @ -73dBm, typical
	- 54Mbps PER @ -72dBm, typical
Receive Sensitivity (11b) @8% PER	- 1Mbps PER @ -90dBm, typical
	- 2Mbps PER @ -89Bm, typical
	- 5.5Mbps PER @ -88 dBm, typical
	- 11Mbps PER @ -85 dBm, typical

BT parameters as below:

Feature	Description		
General Specification			
Bluetooth Standard	Bluetooth V4.0 of 1, 2 and 3 Mbps.		
Host Interface	UART		
Antenna Reference	Small antennas with 0 dBi peak gain		
Frequency Band	2.402 GHz ~ 2.480 GHz		
Number of Channels	79 channels		
Modulation	FHSS		
RF Specification			
	Min.	Typical.	Max.
Output Power (Class 1.5)		6	
Output Power (Class 2)		2	
Sensitivity @ BER=0.1% for GFSK (1Mbps)		-86	
Sensitivity @ BER=0.01% for $\pi/4$ -DQPSK (2Mbps)		-86	
Sensitivity @ BER=0.01% for 8DPSK (3Mbps)		-80	
Maximum Input Level	GFSK (1Mbps):-20dBm		
	$\pi/4$ -DQPSK (2Mbps) :-20dBm		
	8DPSK (3Mbps) :-20dBm		

2 Precautions

This manual contains important safety precautions and information of correct use. Please be sure to read this manual carefully before use so as to avoid any accidents.

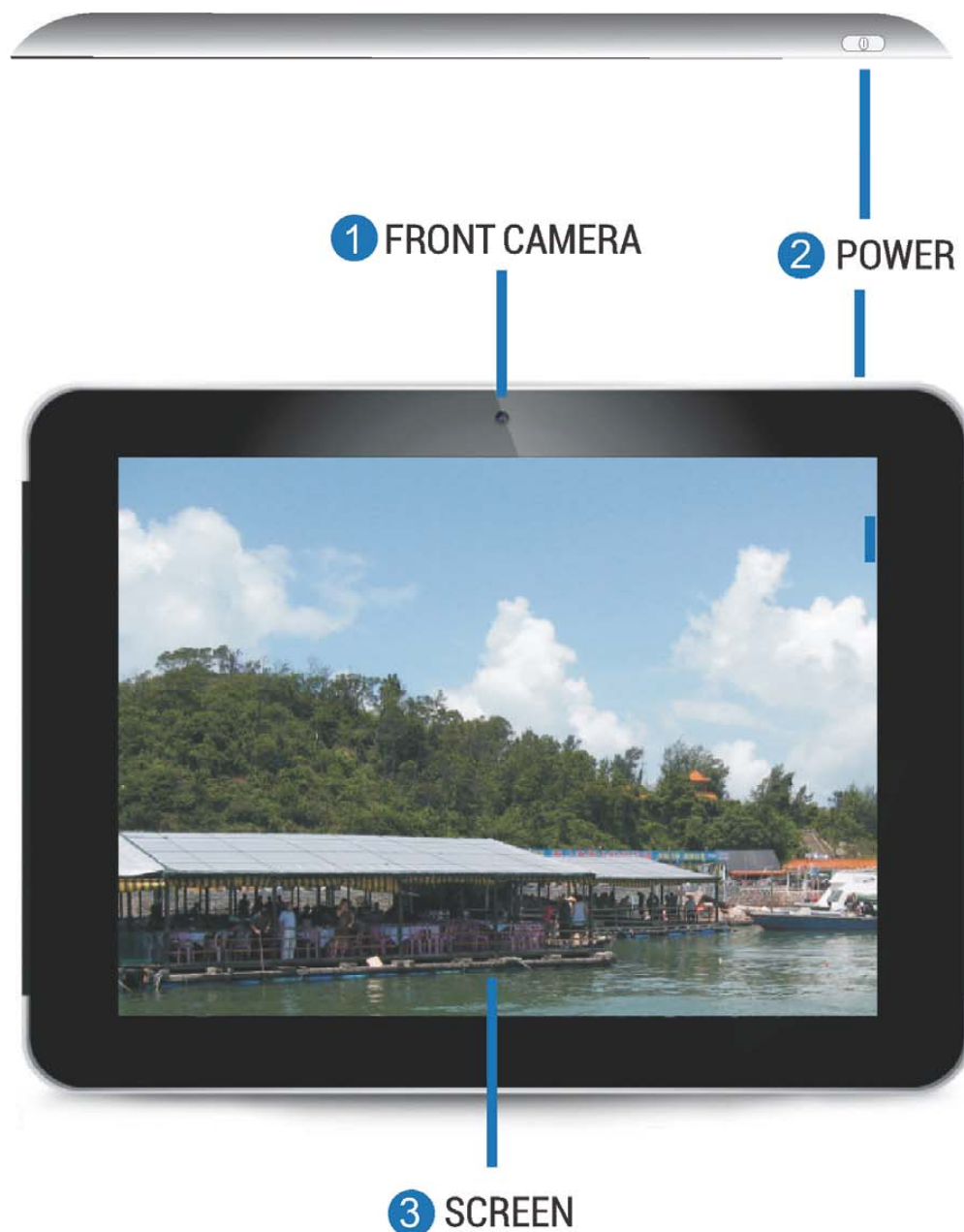
- **Liquids-**Don't expose your device to liquids or extreme humidity. Liquids can get into the product's circuits, leading to damage and corrosion. If it does get wet, don't try to accelerate drying with the use of an oven or dryer, as this may damage the device.
- **Extreme heat/cold-**Avoid placing your tablet near a heat source. Extreme temperatures can cause the battery to swell, leak or malfunction.
- **Cleaning-**Use only a soft damp cloth. Don't use alcohol or other cleaning solutions.
- **Dust and Dirt-**Don't expose your device to dust, dirt, food or other inappropriate materials.
- **Never place a heavy object on the device and be careful not to drop a heavy object onto the device.** It could damage the device or cause system failure.
- **Never attempt to connect or disconnect a power plug with wet hands.** Failure to follow this instruction could result in an electric shock, possibly resulting in serious injury.
- **Volume control:** please select a suitable volume and avoid loud sound while using earphones.
- **Do not drop and/or bump the tablet and avoid scratching the screen violently,** this may cause a damaged or abnormal display to the screen.
- **Do not disconnect the tablet while formatting, downloading or uploading as it may cause application errors.**
- **For the following situation, please charge the device:**
 - The icon of the battery indicates NO POWER
 - System automatically shutdowns, and turns off soon after restart.
 - Operation key shows no reaction.
 - The device shows battery in the bottom right corner.

Note: chargers from other models cannot be used for this device because it may cause a burnout, which we will not be responsible for. Please only use the included accessories.
- **Do not attempt to repair or take apart device by yourself.**
- **MAMMON is not responsible for any memory/file loss caused by damage or misuse of the product.**

3 Device Overview

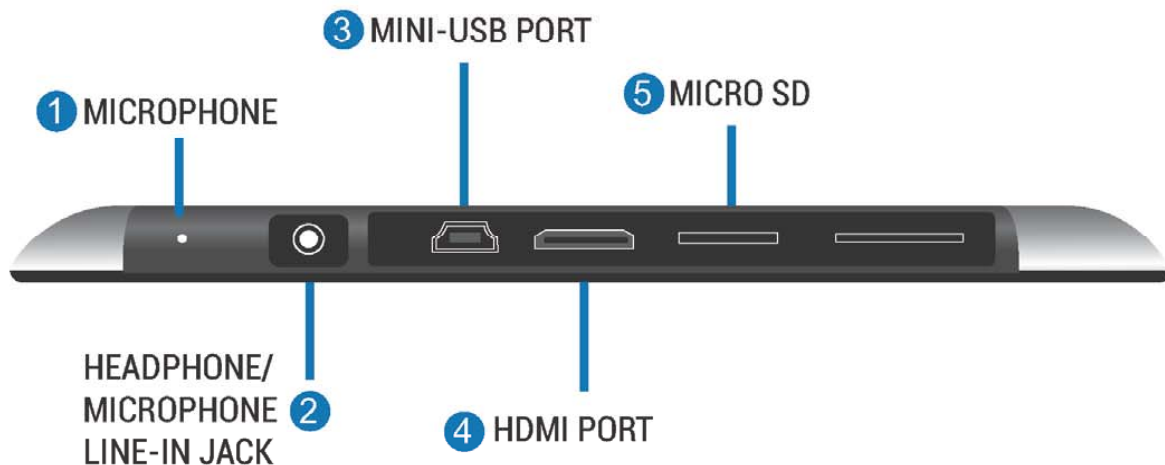
Front View:

1. FrontCamera—Allows you to take still photos or record videos.
2. Power button—turns the device on and off. Press and hold the button for several seconds to turn the device ON/OFF. Press the button quickly to wake the device from Sleep mode or to place it into Sleep mode.
3. Screen—8"HD Display.



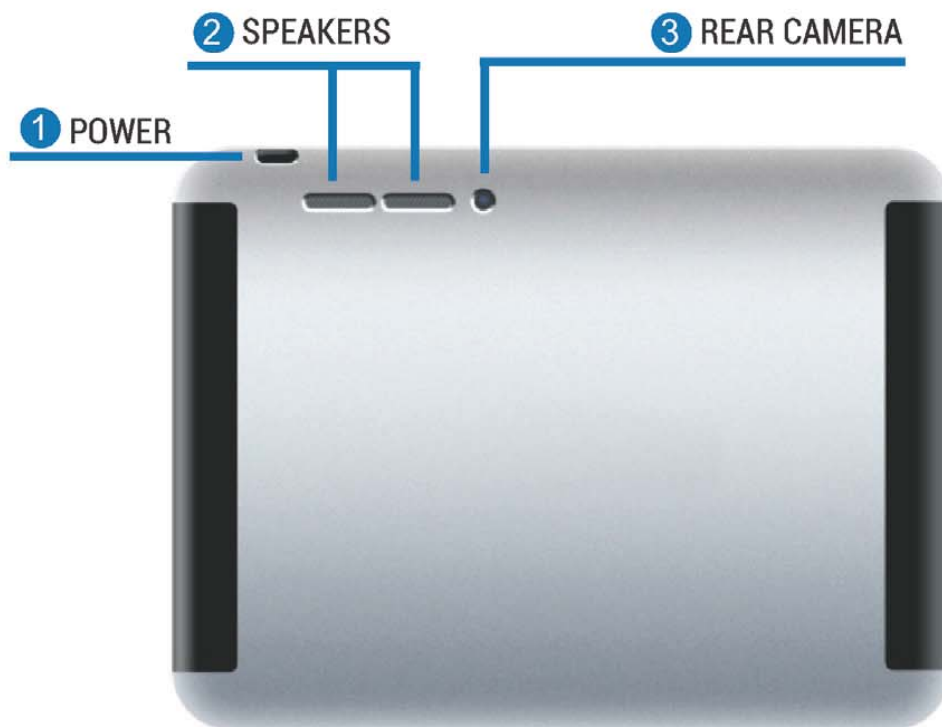
Side View:

1. MIC – Allows you to record sound and chat with others via mobile video applications.
2. Headphone/Microphone Line-In jack—allows you to listen to sounds on your device.
3. Mini-USB port – Allows the transfer of data.
 - a. Transfer Data - Connect to PC to transfer data between the tablet and a PC
 - b. Charging the tablet – Connect to USB power adapter using included cable
4. HDMI out—Allows for the transfer of video and audio to a HD compatible television.
5. Micro SD – Supports micro SD cards up to 32GB for storing or transferring media.



Back View:

1. Power – ON/OFF
2. Speakers – allow you to listen to sounds on your device.
3. Rear Camera – Allows you to take still photos or record videos.



4 Battery Management and Charging

We advise to you to charge the device 12 hours prior to your first use.

- Connect power adapter to the Mini-USB port
- Plug the power adapter into an electrical wall outlet to fully charge the battery (approx. 8 hours).
- While charging, the battery icon displays as 
- When fully charged the battery icon displays as 

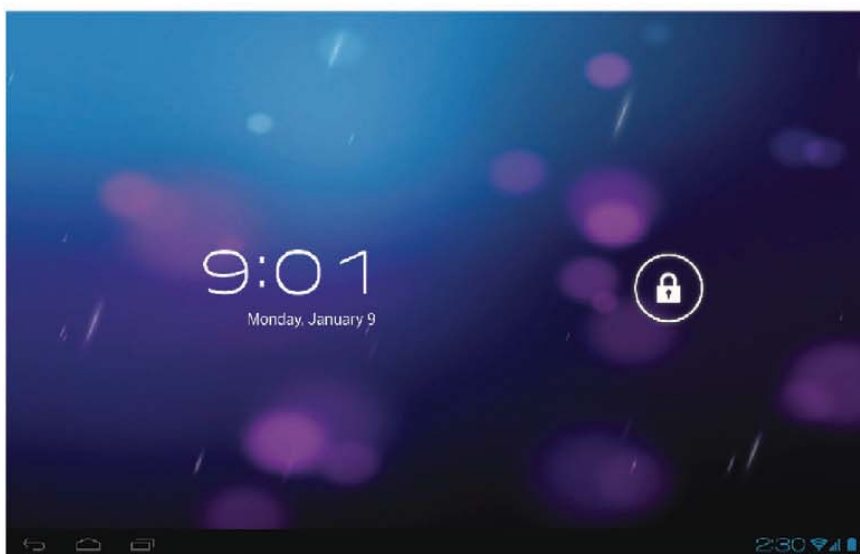
When charging is finished, the battery icon turns green and will stop rolling. We suggest charging the device about half an hour more, so that make sure the device is fully charged.

Note

1. **Please charge the device with provided charger.**
2. **If the device will be unused for a long time, please make sure to charge and discharge the battery at least once every one month to avoid damage caused by overuse of battery.**

5 Turning the power on/off

- Press and hold the Power button for several seconds to boot the device. When the booting process is complete the lock screen will appear, as shown in illustration below:



- Touch and hold the lock icon and drag to the right to unlock.

Waking the tablet

- If your screen times-out and goes blank/dark, press the Power button to turn on the screen again. Once the lock screen appears, touch and hold the lock icon and drag to the right to unlock.

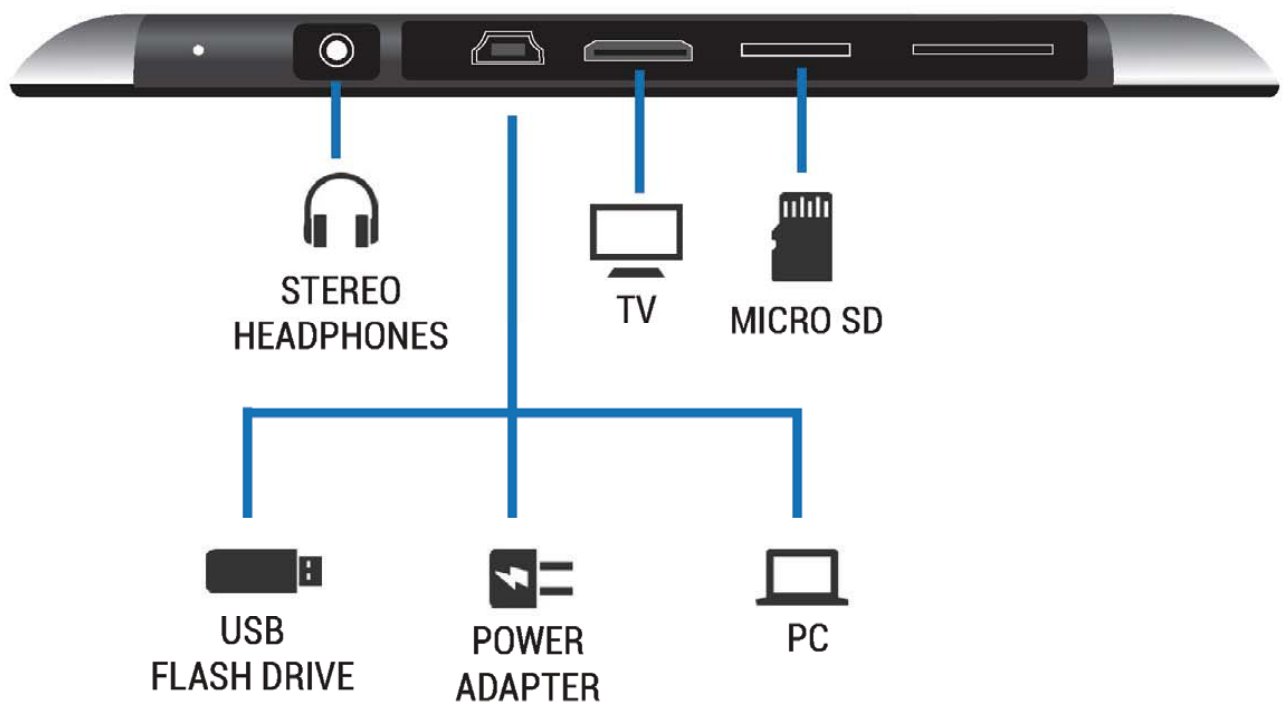
Power Saving Mode

- To save battery energy, while unit is on simply press the power button. The screen will turn black and enter the locked state.

Turning off the power

- In power on state, press and hold the Power button for several seconds until a pop up shutdown confirmation message appears. Select "Confirm" to turn off the device.

6 Peripheral Connection



7 User Interface

ICONS	CAPTIONS	ICONS	CAPTIONS
	RETURN		SETTINGS
	HOME		ROTATE SCREEN
	BACKGROUND OPERATIONS		BRIGHTNESS ADJUSTMENT
	FUNCTION MENU		VOLUME
	BATTERY LEVEL		BLUETOOTH
	WIFI		

In the main interface, you can turn pages by scrolling the screen right or left.

8 Wi-Fi Setup

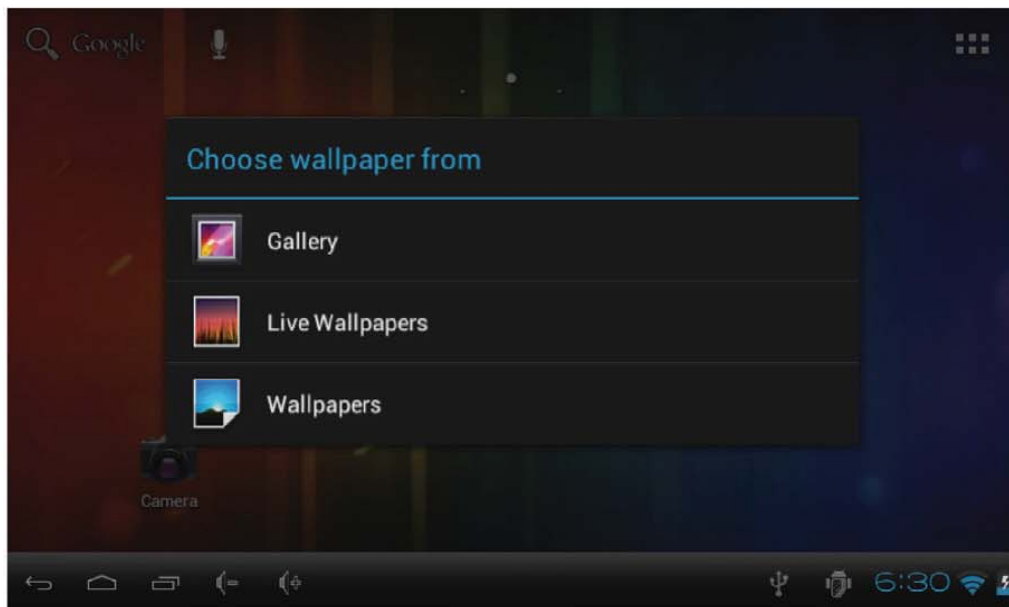
- Click to enter setup menu, select "on" in Wi-Fi option.
- Click "Scan" and the device will list all local Wi-Fi networks found. Tap on the network which you want to connect.
- For secure networks, tap in the Password entry field to enter the network password and hit enter.
- Wait until a successful connection and "Connect" appears under the network name.

Note

If you are connecting via a public Wi-Fi hotspot, you may be prompted to enter hotspot login information prior to having an active internet connection.

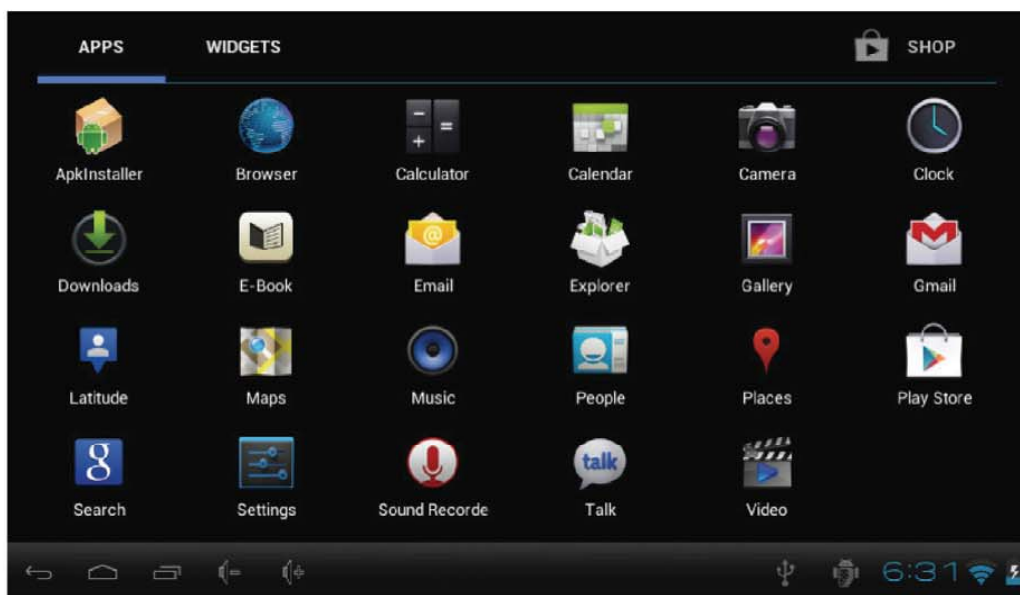
9 Change the wallpaper

From the home page, do a long press on the screen to pull up "Choose wallpaper from." From here you can change the wallpaper.



10 Function Menu

Click on the top right icon  to enter into the function menu.



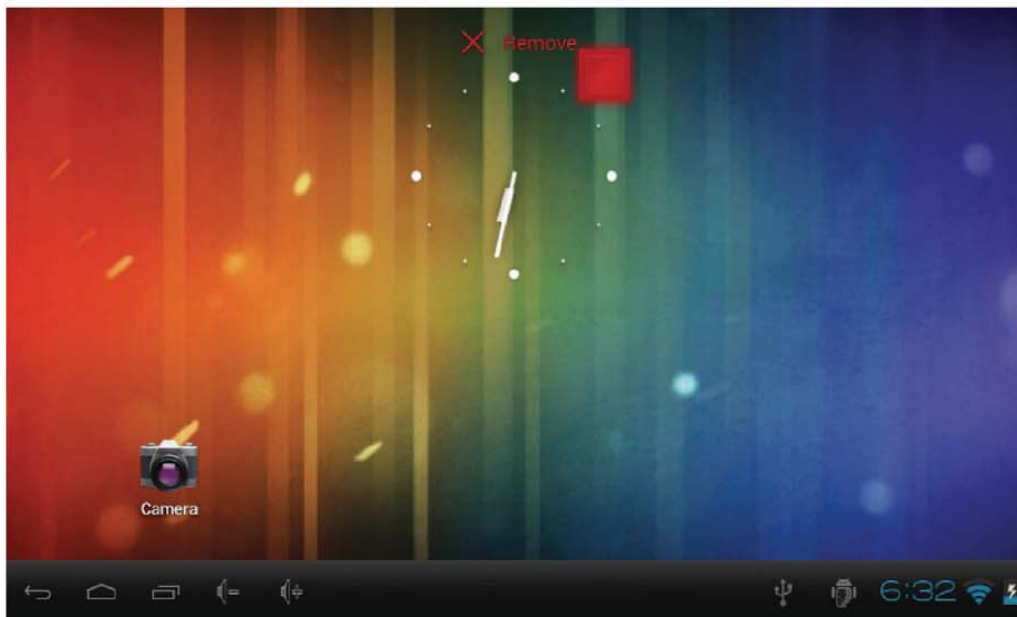
11 Manage Icons

To add a shortcut:

- Press on the icon from the function menu
- Icon will appear on the Home page and can be placed anywhere

Deleting a shortcut:

- Press the icon until the **X** appears
- Drag and drop the icon to the recycle bin



12 Description of Status Bar

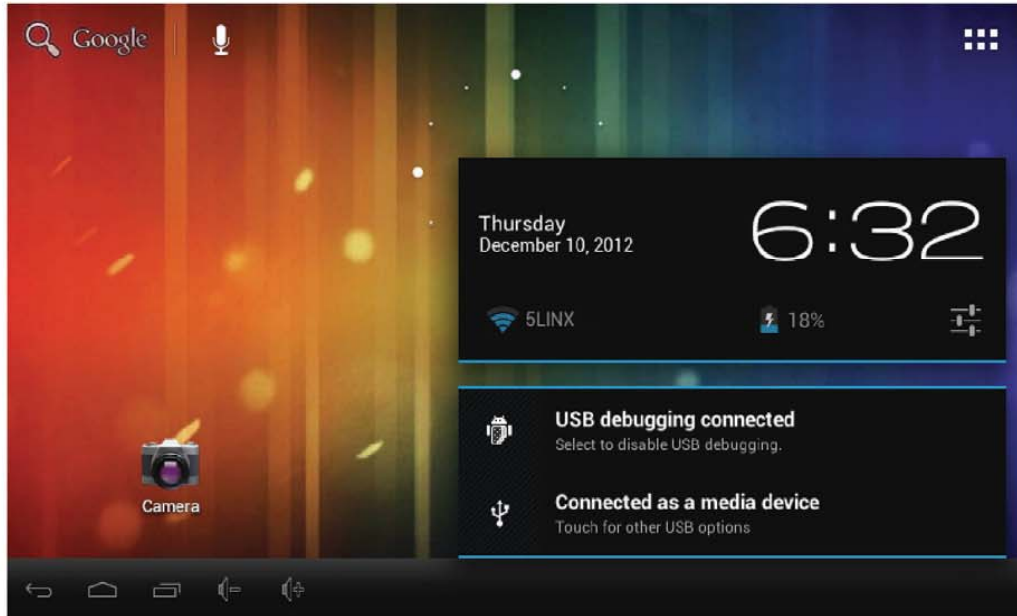
The status bar is located at the bottom of screen

Left to right : RETURN, HOME, BACKGROUND OPERATIONS, VOLUME + KEY, VOLUME - KEY, TIME, WiFi and BATTERY LEVEL



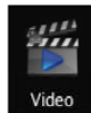
13 Showing Notification Bar

Under the home page, click the bottom right of screen, the device will show WiFi and battery life, "settings" will also display:

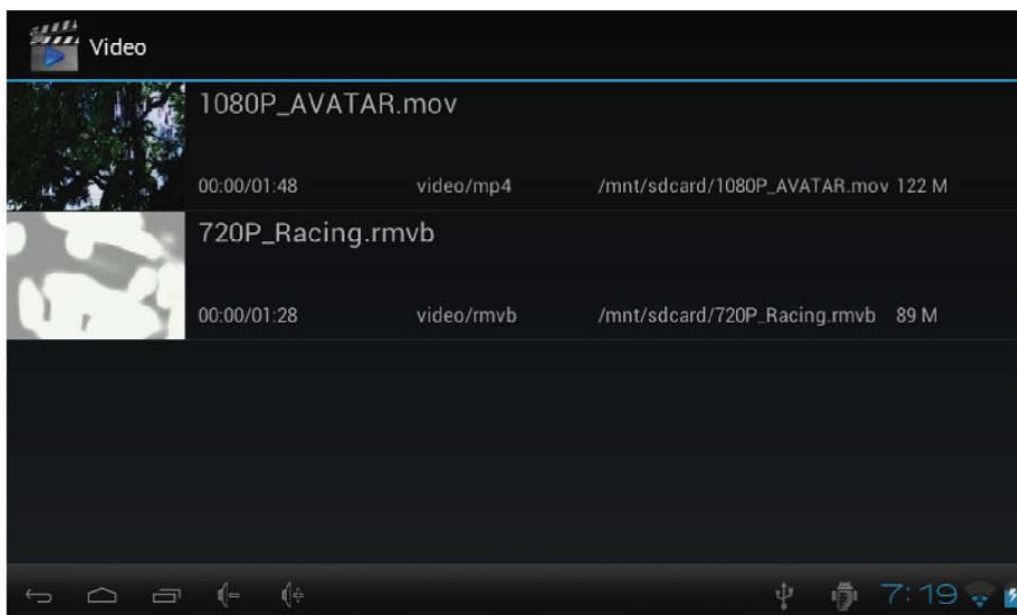


14 Video player

In main menu click the

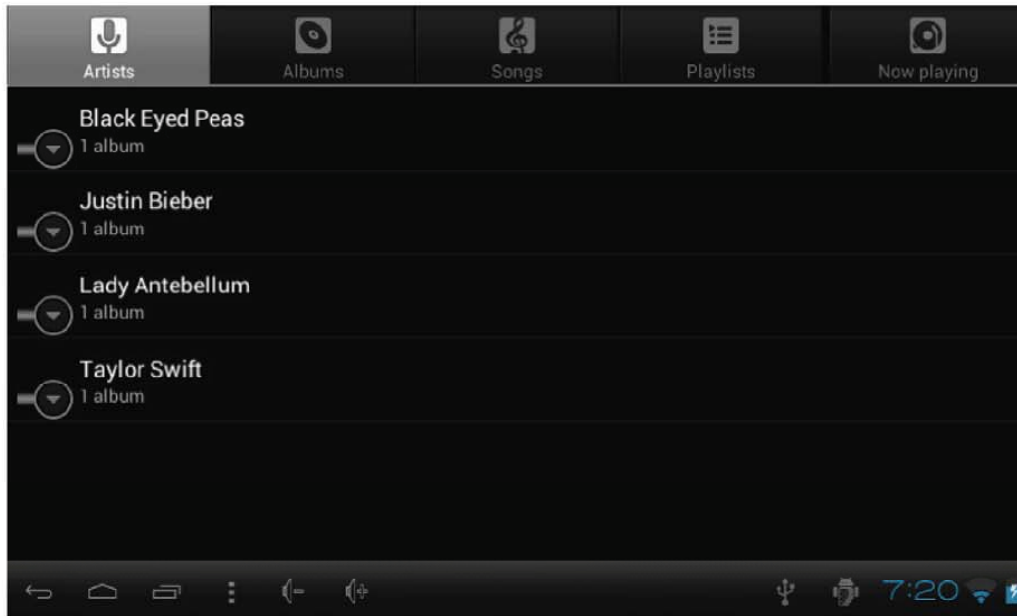


icon



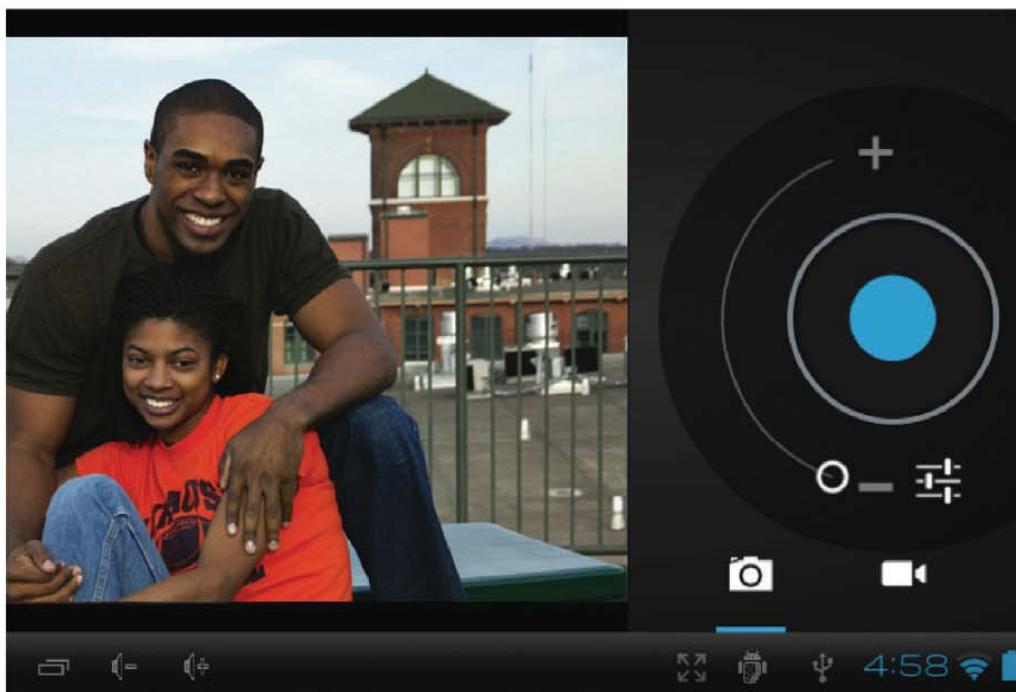
15 Music

In main menu click the  icon



16 Camera

Built-in camera is for taking photos or recording videos.
In main menu, click the  icon and begin to take photos or videos.



ICONS



PHOTO MODE



PHOTO VIDEO ON/OFF



WHITE BALANCE



SLIDE ZOOM IN ZOOM OUT



SWITCH FRONT AND BACK
CAMERA (DUAL CAMERAS)



PAN-SHOT (DUAL CAMERAS)

ICONS



VIDEO MODE



FUNCTION MENU
EXPANSION



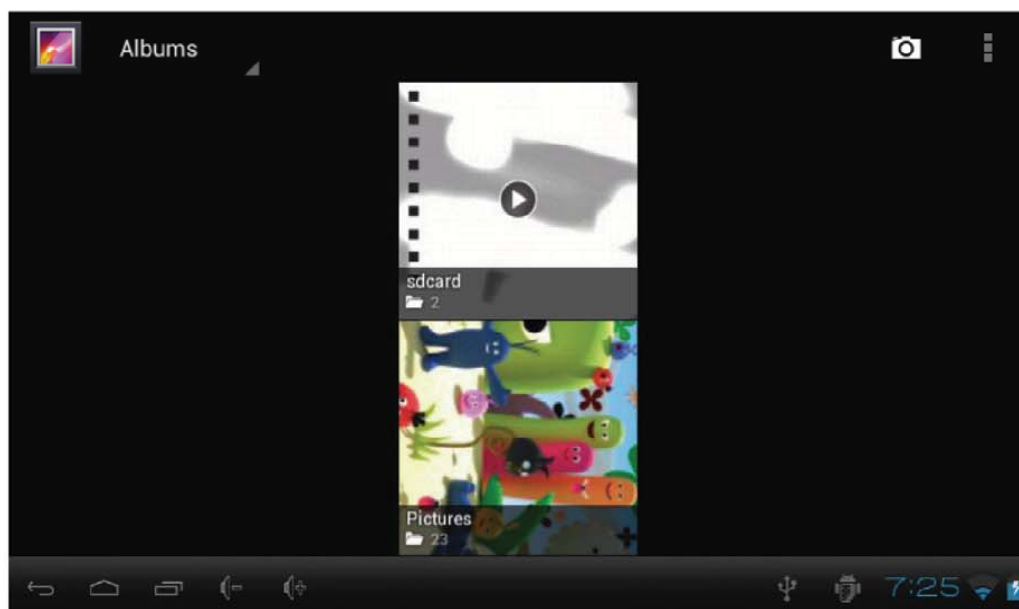
FUNCTION MENU
RETRACTION



SAVE LOCATION/PHOTO SIZE

17 Gallery

From the main menu, Click  icon to enter the photo album.

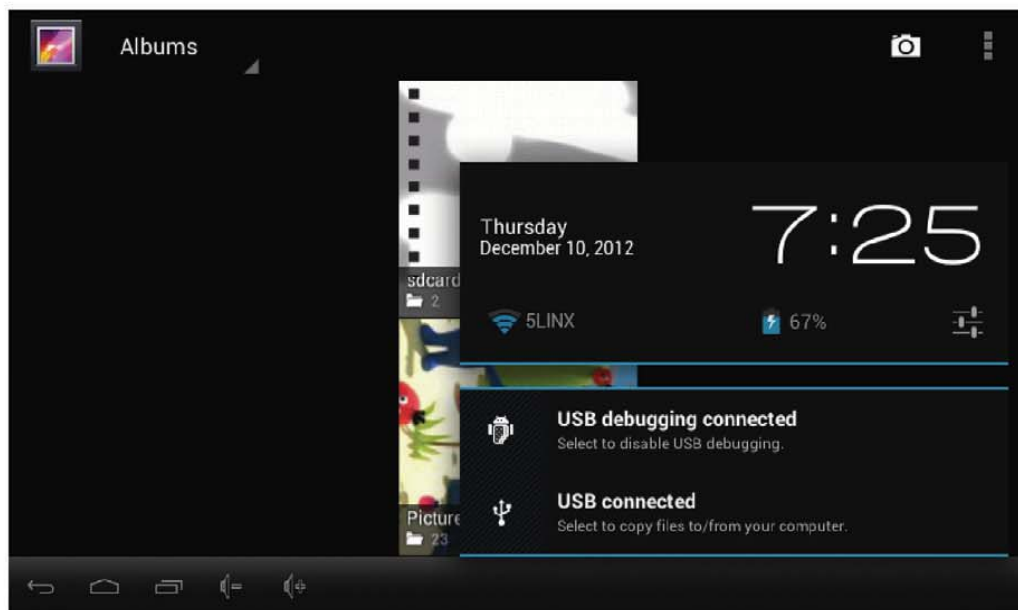


- Click the album you wish to browse
- When viewing you can slide from left to right through your gallery as well as being able to zoom in and out on each picture.

18 Connect Tablet to PC

To connect tablet to a PC for file transfer:

- Connect the Micro USB end to the Velocity tablet.
- Connect the USB end to your PC.
- Click "USB connected" and select "turn on USB storage device".
- Files can now be transferred between devices.



19 Connect Tablet to Keyboard

- Connect Micro USB end on the keyboard to the Velocity tablet

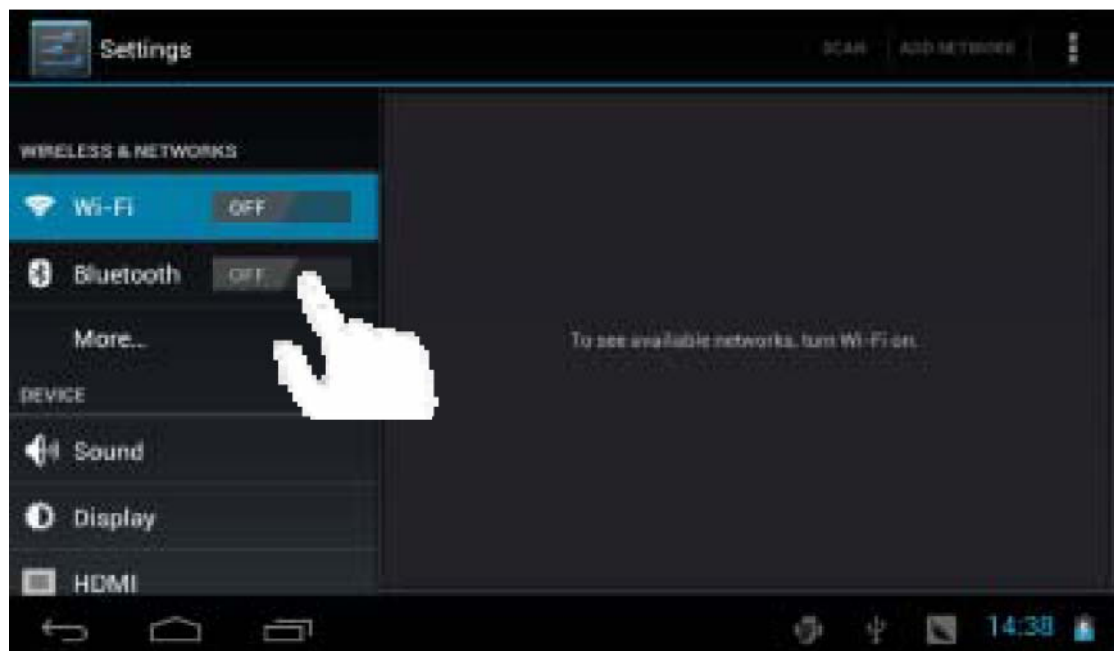
20 Bluetooth

The device features Bluetooth which enables you to transfer files from or to other devices with Bluetooth wirelessly.

To transfer files via Bluetooth,

(1) Turn on the Bluetooth on the target device that files will be transferred to and set the Bluetooth as “visible to all nearby Bluetooth devices” so that the device can be found by other Bluetooth devices.

(2) Turn on the Bluetooth on the device by switching the Bluetooth setting on. The device should search for devices with Bluetooth nearby and display them.



(3) Tap the target device to pair. Follow the onscreen instructions to complete pairing.

(4) Once two devices are paired, enter the file explorer mode, hold your tap on the file that you want to transfer until a menu pop up. Select “Send” from the menu and then select the target device to transfer file.

