8 INCH MID USER MANUAL

VEDIA X20

Contents

1. Preface

Dear customers,

Thanks for purchasing our product!

This device has a built-in high performance WiFi receiver module. This allows it to break through the restraint of fixed network cables; bringing you into the portable media player world and fulfilling your entertainment needs. It also supports picture browsing, video playback, e-book readers, games, online chat and other functionality.

To help with your understanding of how to use this device, please read this User Manual before using the device for the first time.

The manufacturer will not be held responsible for any loss of personal data or damage caused by incorrect operation of this Software/Hardware, accidental damage, replacement of battery or any other accident. To avoid loss of your data, please ensure you backup your data to a computer as often as necessary.

The information in this manual is subject to change without any prior notice. The functionality of this product can differ from the information given in this manual, because new functions can be added to this product.

This manual is protected by copyright and any part is not allowed to be copied or reproduced in any way without prior written permit of the manufacturer.

Note: When compiling this manual, we have been very careful and precise to provide completely reliable information. However, it is possible that an error and oversight has occurred. If you experience any problems during your usage of this product, please contact your local seller.

Welcome to pay attention to our other products!

2. Safety Notice

1) Please keep the device away from strong magnetic fields in order to avoid the damage to the product.

2) Please do not let the device to fall onto, rub against or knock against hard objects during using, because this may cause Device can not be switched on normally due to surface scratches on the device, battery damage, date loss or other damage to the hardware .

3) Never let this product be exposed to a humid environment or rain as the water leaking into the device could disable it to the extent of being beyond repair.

4) Never clean the device with any chemicals or detergent, these will damage the product surface and corrode the finish.

5) You are recommended not to use the headset with the volume at its highest settings, please adjust the volume to an appropriate safe level and limit the amount of time you spend using headphones to avoid possible damage to your hearing. Excessive volume will cause permanent hearing damage.

6) Please do not cut off the power abruptly during software updates or downloading, because this may cause date loss or system errors.

7) Over-voltage, power cable strain and bending or squeezing of the power cable by heavy objects must be avoided to prevent the possibility of overheating or fire.

8) In order to eliminate the risk of electric shock, do not touch the cable power plug with wet hands.

9) Some movie, music and pictures are under the protection of copyright, unauthorized usage is deemed as an infringement to the laws of copyright.

10) Please don't turn on the device on in locations where wireless equipment is forbidden or when the usage of the device will cause interference and possible danger.

11) All the wireless equipment is subject to external interference and this can affect its performance.

12) Please comply with any related restrictions and rules, wireless equipment can influence the flight of the plane; please consult the relevant airline company if you intend to use the device on the plane.

13) Please don't use the device in a petrol station, or near to fuel or chemicals.

14) Please comply with any related restrictions and rules; don't use the device where blasting operations are in progress.

15) Only qualified maintenance personnel can install or repair the

device. Opening the device in any way will invalidate the warranty.

16) Please use the original accessories and battery provided with the device, don't use the incompatible products.

17) The device is not waterproof, please keep it dry.

18) For the sake of data safety, please back up any important information on the device, or keep a handwritten record.

19) When connecting with other devices, please read the user manual for detailed safety instructions. Don't connect the device to incompatible products.

20) When data loss causes operation of the device is different from user manual, please use software stored in CD included in packing to upgrade the device according to Firmware Upgrade Chapter,

3. Ready to Use
3.1 Packing List

Components	Quantity
MID Device	1
Power Switching Adapter	1
Earphone	1
USB Cable	1
User Manual	1
Warranty Card	1
CD ROM	1
HDMI Cable (optional)	1
Leather Case (optional)	1
Keyboard/Mouse (optional)	1
TF Card (optional)	1

3.2 Product Appearance

Symbol	Name	Description
A	POWER	Short press to enter sleeping/wake up mode; Long press to switch ON/OFF
B	MENU	Short press to enter the menu
C	ESC	Short press to return to previous screen
D	Earphone Jack	Stereo Earphone Jack
E	MINI USB Port	MINI 5 Pin USB Port
F	DC Socket	Connect with 9V@2A Adapter
G	HDMI (optional)	HDMI Output port
H	TF Card Slot	TF (Micro SD) Card Slot
J	Reset	Short press to Reset Device when Unit Crashed
K	Camera	Front Camera

3.3 Features Overview

■ Adopts the RK2918 as the main chip, ARM Cortex A8 at 1.2 GHz, Neon Coprocessor and 512KB Level 2 Cache, Built in 2D/3D Graphics Acceleration: Open GL ES2.0, can Support 40M tri/s Highest, Support ANDROID 2.3 and Flash 10.1 (Up to Android 3.0 Later) smart operation system.

- Support Built in DDR3 512MB ~ 2GB (Optional)
- Support 4GB ~ 32GB (Optional) Built in Flash Memory, Support Max1GB~32GB External Micro SD Card
- Support 8" High Definition TFT LCD Display 800*600 or LVDS 1024*768pixel resolution (Optional), Resistive or Capacitive Optional
- Supports HD 1080P AVI, MPG, MKV, RM, RMVB, MP4, MOV, VOB, DAT, FLV, TS, 3GP, WEBM (VP8) etc formats, Max resolution supported is 1920*1088 / 30fps
- Supports JPG, JPEG, BMP, GIF ,PNG, JFIF etc. picture formats, Max Resolution Supported 8000*8000
- Supports MP1, MP2, MP3, WMA, WAV, OGG, OGA, APE, FLAC, AAC, M4A, 3GPP etc audio formats, multi EQ modes. Support Lyric Synchronization and Full Page Lyric display.
- Supports TXT, LRC, PDF, Html, Htm, EPUB file formats, supports auto-browse, zoom, bookmarks, flip over functions
- Supports built-in Wifi, you can connect with broadband wireless internet and operate various software in the Android 2.3 OS, the system is preset parts of third software: Office (Open Office version), Google browser (IE), IM (MSN/QQ), Web TV, Online MP3, online novel, network games, E-book, etc
- Supports built-in microphone record function, can support Record or Call Function.
- Supports USB-HOST Port and external U-disk, Wired Keyboard / Mouse , etc
- Supports HDMI output (Optional)
- Supports Built in 0.3M Front Camera and 2.0M Back Camera (Optional Function) to achieve VOIP Voice and Video Call Function.
- Supports G-sensor screen rotation function.
- Supports Built in GPS Navigation (Optional Function)
- Supports Stereo Earphones and speakers
- Supports multiple languages
- Can be used as a USB portable hard disk, driver not needed for WIN2000 or above

3.4 Technical Specifications

LCD Display	Size	8.0inch TFT Touch LCD Panel 160k Color

	Resolution	1024*768
PC Interface	Dual USB Port, USB OTG 2.0 / USB Host 2.0 (Optional)	
CPU	ARM Cortex A8 at 1.2Ghz,Neon Coprocessor and 512KB Level 2 Cache	
Operating System	ANDROID 2.3 (up to 3.0 Later), Support Flash 10.1	
Built-in Flash	4GB~32GB (Optional)	
Built-in RAM	ROM DDRIII 512MB~2GB (Optional)	
Capacity Expansion	Support Micro SD Card, Capacity 1GB ~ 32GB	
Power Supply	Built-in 7.4V 2200mAH rechargeable Lithium Polymer Battery AC Charger, Input: C 110V~240V, Output DC 9V@2A	
	Format	MP1, MP2, MP3, WMA, WAV, OGG, OGA, APE, FLAC, AAC, M4A, 3GPP
	Headset max. output	(L) 5mW＋ (R) 5mW (32Ohm)
	MP3Bit rate	8Kbps ~ 392 Kbps
	WMA、WMV、Bit rate	5Kbps ~ 192 Kbps
	Frequency response	20Hz~20KHz
	SN ratio	90dB
	Distortion	＜0.05%
Video Function	Play format	AVI,MPG,MKV,RM,RMVB,MP4,MOV,VOB ,DAT,FLV,TS, 3GP,WEBM (VP8) Etc
	Max Resolution	1920*1088
	Ratio	4:3, 16:9, full screen for optional
Photo browse	JPG, JPEG, BMP, GIF, PNG, JFIF, Max 8000*8000 Resolution	
E-book Function	Format	TXT、LRC、PDF、Html、Htm、EPUB etc
	Max. capacity	5M
WIFI Function	Main chip set	Atheros (AR6302)
	Transmission rate	Max54Mbps
	Transmission Distance	Max100m
	Work Frequency	2.4GHz
HDMI Function	Main chip set	IT6610

(Optional)	Resolution	720P, 1080P
Recording function	Format	WAV
Working Temperature	-5 ~ 40 ℃	
Operation Systems Supported	Windows2000 / XP / WIN 7 / Vista Mac OS V 9.0 / 10.0	

4. Quick Guides

4.1 Switch On/Off

Switch On and Unlock: When the device is in its OFF mode, press and hold the "Power" key for 3 seconds to enter the Android startup process. The device will take about 100 seconds to enter the system desktop, with the LCD in locked mode, please press and pull the 🔵 icon to the green point, and the LCD will unlock automatically, see the image below:

Power Saving Mode and Locked Mode: Pressing the "POWER" key when the device is in use will result in the system entering SLEEP power save and locked mode. Pressing the "POWER" key to Wake-up Screen, system will be in locked mode within 1 second, Drag up 🔵 to unlock.

Note: The primary operation of the device will not stop under the power saving mode, it is just the LCD that is turned off, showing a black screen. This means that playing music, movies etc. will still continue to run.

Switch OFF: When the device is in use, press and hold the "POWER" button for 3 seconds, the screen will display the power off interface, choose the "power off" option to confirm your selection and the system will shut down automatically.

NOTE: If Device in Black Screen or Halt, Please press Reset Button to Restart Device or Long-press "POWER" button for 6 seconds to cut off power and then start.

NOTE: When the device is running low on battery power, it will sound an alarm and then shut down automatically if it is not plugged into a power source to start charging. If the device cannot start up please check if the battery power is too low by charging the device.

4.2 Battery Management and Charging

1) Charge the battery about 8-12 hours to make sure the battery is fully charged for the first time.

2) Insert the micro port of the battery adaptor into the DC slot on the device, and connect the other side with the power socket. Then the power indicating lamp of the device will be high lighted blue, the desktop icon of the battery ⬛ keeps rolling to show it is charging, please wait until the battery is fully charged, don't disconnect the power when charging. Once the battery is fully charged, the indicating lamp will change into dark blue, the Icon on the desktop ⬛will stop rolling. When the battery is exhausted completely, please charge at least one minute before starting it up

NOTE: In order to keep the battery working to its full potential, please pay attention to the following advice:

- Don't charge the power in excessively high temperatures.

- There is no need to run down the power for this Li-ion battery, you can charge the battery even when there is still power left in the battery without it affecting the lifespan of the battery.

- In order to keep the battery in good condition, Make sure you charge it at least once every two weeks if the device hasn't been used for a long time.

4.3 Operation of the Function Icons

Definition of the Function Icons:

Icon	Function	Icon	Function
	Back to main menu		System has found a new device
	Current power status		Reduce the volume
	back		Increase the volume
	menu		Application menu
	Google search		Switch desktop
	System Setting		WIFI ON /OFF
	Ethernet Connecting Notice		Voice Search
	Browser		

5. Operation Detail (Audio/Video/Picture/Recording etc)

5.1 Audio Player

In the application menu or on the desktop, tap the icon to launch the audio player.

- If there are no music files in the audio player playlist, the system will automatically load any music files from the micro SD card to the audio player playlist after the audio player is launched. The device supports the following audio file formats: mp3, wav, midi and wma.

- If there are many songs in the Music playlist area, slide up/down using the touch screen or use the trackball.

- Click on the track you want to play from the list as shown in the following picture.

- In the audio playing interface, tap to enter into the audio playing list.

- Drag the playing progress bar , to adjust the playing process.

Audio Player Icons Description:

Icon	Description	Icon	Description
	Artist		Album
	Songs		Play list
	Current Playing		random play
	All songs Cycle		Single Song Cycle
	Previous Song		Next Song
	Play		

NOTE: Audio player can play WAV audio files.

5.2 Video Player

In the application menu or on the desktop, tap the icon to enter into the video player, double click the film you would like to Play.
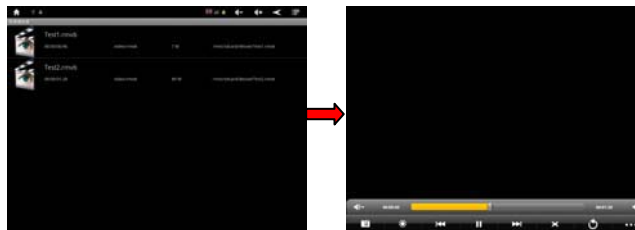

- The device supports the following video file formats: MKV, AVI, RM, RMVB, MP4, MOV, VOB, DAT, FLV, 3GP.

- When no video files was in the video player playlist, the system will automatically load any video files from the micro SD card to the video player playlist after the video player has been launched.

- Drag the playback progress bar to adjust video playback

progress.

Video Player Icons Description:

Icon	Description	Icon	Description
	Adding video bookmarks		Brightness adjusting
	Go to previous chapter		Skip to next chapter
	Play and pause a video		Video format 16:9 /4:3/come back
	Quit		Menu
	Lower the volume		Raise the volume

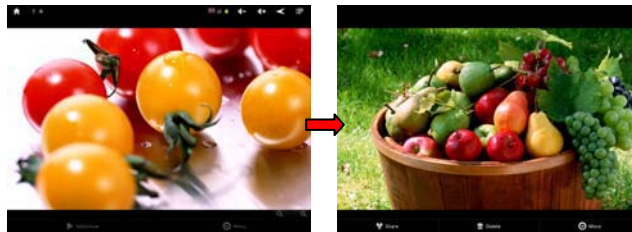- Click this button to delete bookmark, play mode etc. See the figure as shown below:
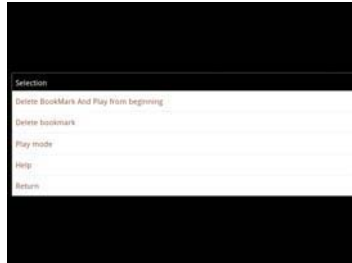
- Tap Play Mode to select one of the play modes: Single, Repeat one, Repeat all; or tap return to go back to the previous menu

5.3 Picture

In the application menu or on the desktop, tap the icon to enter the picture browser.

Picture Browser Icons Description:

Icons	Description	Icons	Description
Slideshow	Slide show		Zoom In
Menu	Menu		Zoom Out

Adding Picture (Supports Picture: BMP, JPG, JPEG, PNG, GIP)

- If there are no files in the photo list, the system will automatically load the image files from the micro SD card to the photo browsing list after the photo browser has launched.

-Click Menu Button to Edit this picture.

Adding Picture Icons Description:

| Icons	Description	Icons	Description
	Picture Details		Set as Desktop
	Crop		Rotate left
	Rotate right		

5.4 Recording

In the application menu or on the desktop, tap the icon to enter into the sound recorder. Tap the record icon to start recording, tap the icon to stop recording. Click to play. You can choose to 'Save' or 'Discard' it.

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- To play this Record: Find this Record file in Root Directory of Explore, and then click it to play by Audio Player (Refer to 5.1 Audio Player)
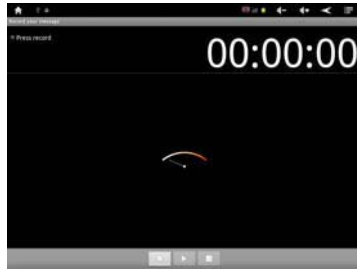
5.5 Explorer

In the application menu or on the desktop, tap the ![icon] icon to enter the Management Interface, tap SD Card, Internal Memory or USB to open their root directory or Related Folders, you can Add, Copy, Paste, Delete these files by choosing the pop-up menu after long-press it. To navigate the file system, you can tap on the folders name or use the "Back" and "Next" functions.
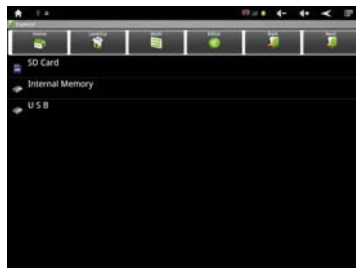
5.6 IE Browser

NOTE: For the Web Browser to view web sites, this device must be connected to a Wireless.

In the application menu or on the desktop, click the ![icon] icon to enter to the Web Browser interface; click the address bar and input the website address for the website you would like to view. Use the popup keyboards to enter the address and then click "Go".

NOTE: The IE Explorer uses the popular third-party IE Explorer software; please follow the IE Explorer's standard operating mode to operate.

5.7 Voice Search

In the application menu or on the desktop, click the 🎤 icon to enter to the Voice Search interface, Speak out what you would like to search, then Unit will Search information accordingly.

5.8 E-Book Reader

In the application menu or on the desktop, click the 📚 icon to enter to the E-Book Reader interface, Choose the file you would like to read:
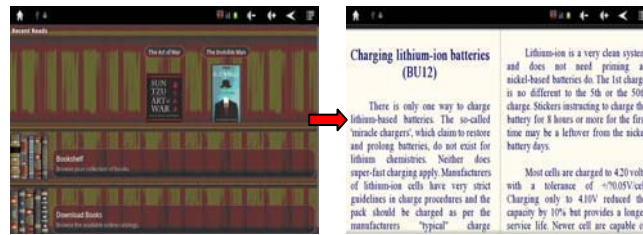
Click Top right Corner Icon 📋 to display Reading Menu

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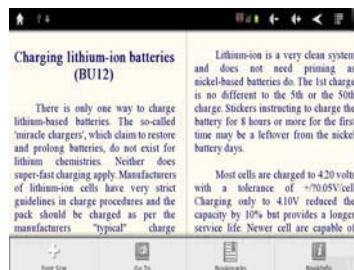
Click the Left / Right side of Screen or Tap the screen in landscape orientation to turn over the pages.
- Zoom: Click ⊡ to zoom font size, there will be S, M, L, XL and XXL for your choice.
- Go to: Click⊡, there will be pop-up dialog box, input the page number you would like to go to then click OK to confirm.
- Bookmarks: Click ▤ TO Add, Delete, Display bookmark
- Book Info: Click ⓘ to check Book name, author or related information.
- Auto flip: you can choose manual, 15S, 30S, 60S, 90S and 120S to turn over pages automatically.

5.9 Calculator
In the application menu or on the desktop, tap the Calculator icon ▤ to open the calculator:

Click ▤ to enter into Advanced Panel

5.10 Clock
In the applications menu or on the desktop, tap the Clock icon ▽ to enter into the settings interface.

You can operate Video Player / Audio Player in Clock interface.

Click to enter into Alarm Clock function

- Tap any of the alarm tock boxes to set up an alarm: The time, bell, vibration, repeating and label can all be set.
- Everyday: Setting repeat the bell at the same time everyday.
- Monday to Sunday: You can choose the days and same time of each day.
- No: Setting the alarm for one time, no repeating.
- Pattern: setting the bell pattern.

5.11 Camera Operation (Optional)

In the applications menu or on the desktop, click Camera Icon to enter into Camera Operation Interface.
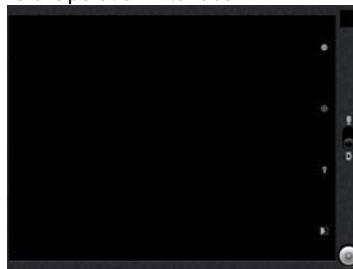
Camera Icons Description:

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Icon	Description	Icon	Description
	DV		DC
	Shutter		Select Camera (Front / back)
	White Balance		Store location
	Camera Settings		

5.12 TF (Micro SD) Card Storage

There is a TF (Micro SD) card slot in this device; it supports reading files on TF (Micro SD) and Trans Flashcards. Ensure that you insert the card into the card slot, the correct way round. To remove the card, just push the card towards the slot, and this will automatically release the card. Please adhere to the following advice when using the card slot:

- Insert the memory card into the card slot on the right side.
- Don't pull out the card when it is in use (reading, copying), otherwise, it may cause data errors.
- Don't use the memory card in high temperature conditions.
- Keep the memory card away from the liquid and erosive materials.

5.13 APK Installer

This device supports installing third party applications programs designed to run on Android. Many Application Programs can be downloaded from internet and then installed using the APK Installer. Press the APK installer and the APK installer interface will popup with the following icons: Install, Manage and Exit.
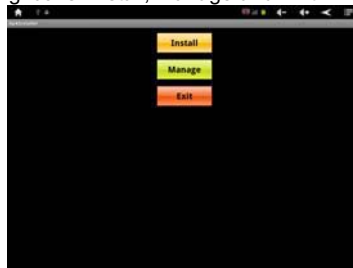
Install: Press install to enter into the APK installer interface.

APK files can be installed from: Internal Memory which means the built-in storage, Micro SD Card which means a memory card inserted into the TF (Micro SD) card slot. After entering, select the program to be installed from the right window, tap it to install and

follow the prompts. Once the application has been installed you will be returned to the installer main screen and you will see software related Menu.

Uninstall: Click "Manage" to enter into the third party software interface.

NOTE: Only APK Software that installed by users can be uninstalled, factory default Software can not be Deleted or Uninstalled.
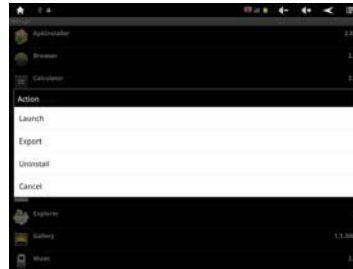
- Launch: run the software.
- Export: export the software to the TF card.
- Uninstall: uninstall the software.
- Cancel: return to the main menu.

NOTE: Above Instruction for Software installation only, please install other softwares according to this instruction.

5.14 HDMI Function (Optional)

Please connect to the Device with HDMI Cable,Click "HDMI Setting" in Setting Interface,and then turn on HDMI ,see picture showed as below:

HDMI Resolution
Please choose Resolution option according to the Video Device.

Screen Zoom
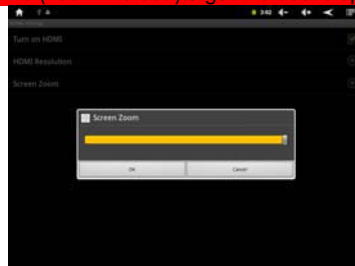Adjust Screen Size (zoom in / out)to get the best display.

5.15 External USB Mouse / Keyboard Function
When the mouse is connected, the screen will show the mouse pointer, left mouse button is the confirm button, right mouse button is the return button, the middle slider is the upper and lower button.
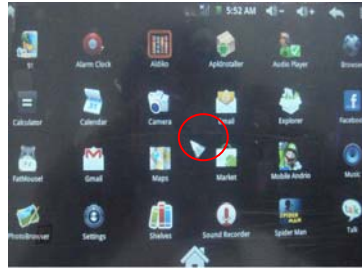
NOTE: There will be some keys which do not work; the keyboard code will need to be changed according to the Android system definition. Using the factory standard USB keyboard is recommended.

6. System Settings

6.1 WI-FI Settings

Tap the application menu icon![icon] to enter into the functions menu list; press "settings" to enter into settings interface or press ![icon] icon in the desktop, click ![icon] to enter into, tick Wi-Fi, pleas see picture as below:

Connecting to Wi-Fi Network: Press "Wi-Fi Settings" to enter the following menu, the system will find the WiFi name automatically. Please refer to the example picture below, it has found several WiFi network names:

IP address settings and connection: There are two setting methods to allow the IP address to be set. Whether the IP Address is distributed automatically or not, is dependant on the Wi-Fi Router's settings.

1) IP Address is assigned automatically:

By default this device is setup to be assigned an IP Address automatically.

If the wireless network you want to connect to, assigns the IP Address automatically, but the settings have been changed to a Static IP Address, use the following procedure to change the settings. Press the top right corner of the screen ▤ and press "Advance", then un-tick the selection in the "Use static IP" box.
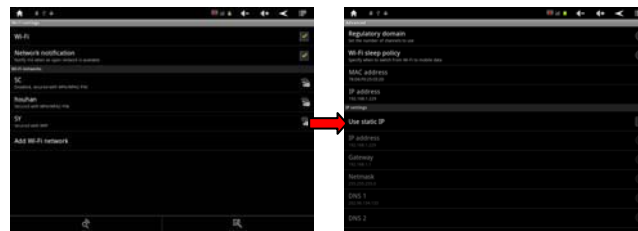
Press the ▤ on the top right corner of display and press 💾 to save, see the figure as below:

Press the "back" icon once complete, this will return you to the Wi-Fi settings screen. For example, double press "KW", and then it will enter into an interface and ask you to input the code. Then input the correct code, press "finish". Then the system will connect and distribute the IP address automatically, it will show "connected" once the system has completed connecting. You can see the network connecting status accordingly when you press the network name, see the figure shown below:
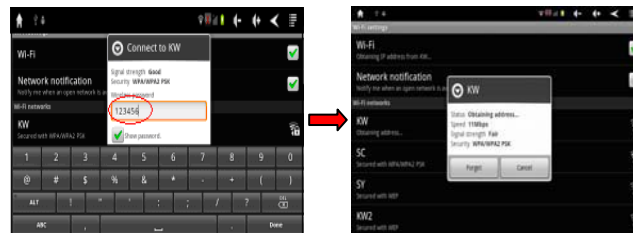
2) Manual Setup – Static IP Address:

If the Wi-Fi network you are connecting to requires a Static IP Address, use the following procedure to change the settings. Press the top right corner of the screen ▤ to enter into the "Advance" settings.

Select the "Use static IP" tick box, and then set the IP address, Gateway and Netmask using the information you have for that Network. See the figure below:
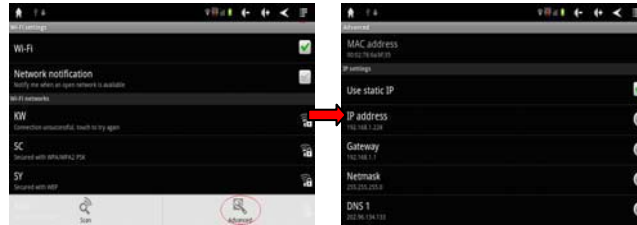
Press the ⊞ on the top right corner of display and press " Save" to finish Setting, see picture showed as below：

Press the WiFi network name to complete the setting. For example: press "KW", then it will have an interface asking you to input the code, input the right code, and then press "finish". Then the system will be connected and will distribute the IP address automatically, it will show "connected" once the system has completed connecting. You can see the network connecting status accordingly when you press the network name. There will be a WIFI icon ▣ in the desktop

6.3 External RJ45 USB Dongle Function

Insert RJ45 USB Dongle to Host Port, then select the "Ethernet settings" into the network settings, see the figures below:
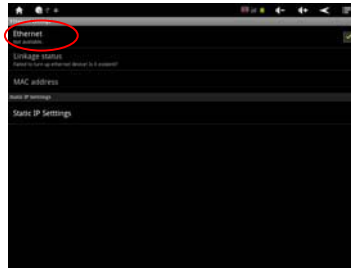
Select "Ethernet", if the Router assigns the IP address automatically, the system will connect to the network automatically; if the IP address is assigned statically, please select "Use static IP", then set the correct IP address to connect the network.

6.4 Sound Settings
Tap "Sound " to enter the settings interface.

1) Silent Model: Tick this option, device will be mute

2) Media volume settings：Tap "Media volume "to enter the settings interface, then to set up music and video, Notice volume.

3) Notification ringtones settings: Tap "Notification ringtones" to choose any of the default ringtones.

4) Audible selection: Set the playing sound when making screen selection, tap ☑ to highlight the selection.
5) Screen Lock Sounds: Set the Sound when lock or unlock Screen, tap ☑ to highlight the selection
6) Haptic Feedback: (Set Vibration when interchange of Some UI), tap ☑ to highlight the selection

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6.5 Display Settings
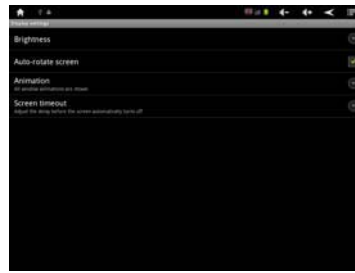
1) Auto Rotate screen:

The display screen will change the direction automatically when it is rotated.

2) Animation:

Display all animations in all windows.
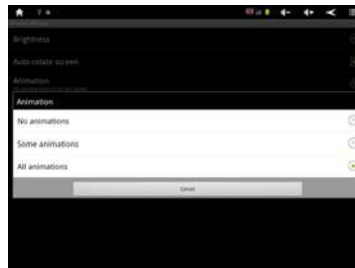
3) Brightness:

Drag ▯ to adjust brightness，tap "OK" and "back".

4) Screen timeout:

Adjust the delay before the screen automatically turns off.
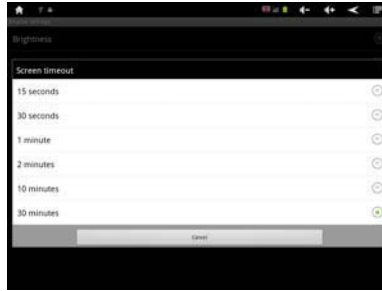
6.6 Location and Security Settings

Tap "Location and Security" to enter the settings interface:
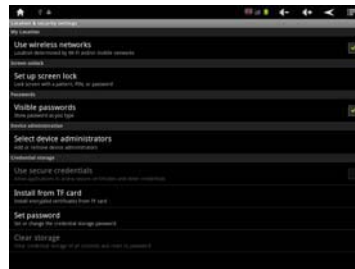
1) Set unlock pattern:

Tap "Change unlock pattern", then tap .
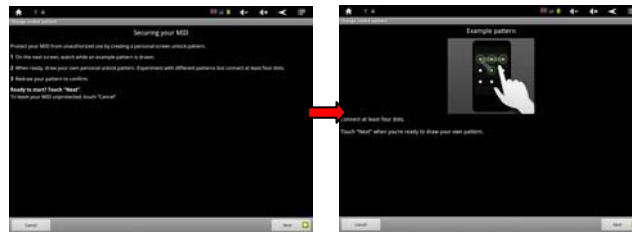
Draw the unlock pattern, connect a minimum of 4 points, tap to compete the setting.

2) Set PIN:

This will be your Screen protection Code

Input 4 Numbers, then click OK to lock screen. When Device has to be turned on after Standby, you will be asked to input this code
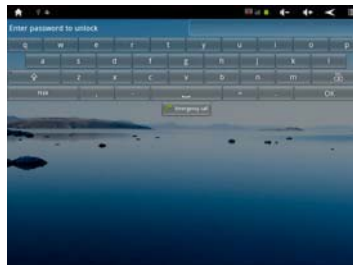
3) Code:

Input code to be your Screen Protection Code

When Device has to be turned on after standby, you will be asked to input this code

NOTE: Above Three Code Method, you can choose one to protect your Device.

6.7 Application Settings

Tap "Application"to enter settings interface:

Tick Unknown Sources to install any Software which can support Android OS.

1) Manage Applications Settings:

-Tap "Manage applications"to manage or delete applications.

2) Running Service Settings:

- Tap "Running service"to see and control the running service.

3) Storage Use: Check Storage use of Application

4) Battery Use: Check Battery use Status
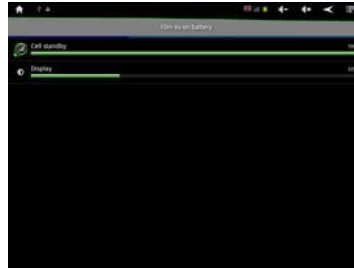
5) Development Settings:

Advised to use factory defaults, or any change will make some functions not available.
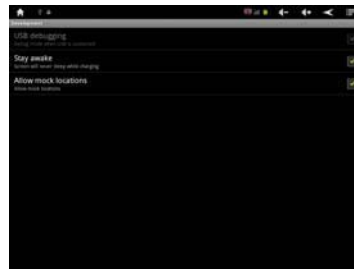
6.8 Privacy (Factory Data Reset)
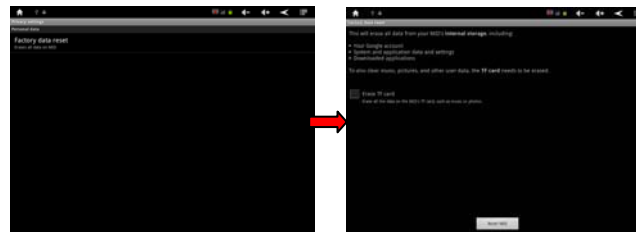
NOTE: Please Copy all your files before Using Factory Data Reset.

6.9 SD card and Device Storage Settings

Tap the SD card and device storage to enter the following to check total space, available space, format SD card, etc.
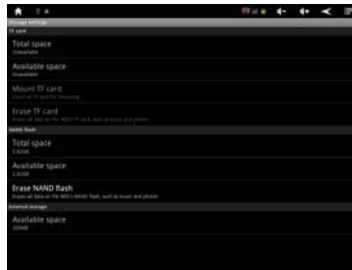
6.10 Language and Keyboard Settings

Tap "Language Keyboard" to enter the settings interface.

1) Language Settings:

The device supports multi-languages; you can select an operation interface of different languages according to your needs. Click the language option you like.

2) Android Keyboard settings:

6.11 Date and Time Settings

Tap Date and Time in the settings interface, select the ☑ behind the Automatic option to modify the Date, Time Zone & Time.

1) Set Date:

- Tap ＋ － to select Day, Month & Year, and tap the icon [Set] to confirm OK.

2) Select time zone: Choose your Local Time zone to click.

3) Set Time:

Tap ＋ － to select hours & minutes, e.g.: 10:56, and tap the icon [Set] to confirm OK.

4) Select Time Format:

6.12 About the Device

Check battery use, legal information, device status & software version, etc.

7.Desktop Function Icon Settings

7.1. Add & Remove Desktop Function Icon

Tap the icon ▤ at the top-left corner of main interface to enter into the desktop settings interface, you can select wallpaper and add widgets, etc.

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Shortcut Icon:

Tap the icon to add desktop widget as below:

Select a shortcut icon to add to the main interface, tap the matching option to add.
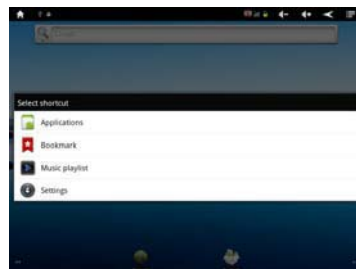
Select a desktop widget to add to the main interface, tap Analog clock, Calendar, etc to add them.

7.2 Wallpaper Setting

Tap the icon [icon] to change the wallpaper and select the picture you want.

Tap [Set wallpaper]. Wallpaper setting is completed.

7.3 Tap Shortcut Icon [icon] to Open the Search Engine

7.4 Shortcut Notification

Tap the icon to check the current notification status:

7.5 Add, Move, or Delete Desktop Icon

Tap the icon at the main interface to enter into the function menu list, display all the application icons by pages. Press and drag the application icon to copy to the current desktop i.e. set the shortcut on the desktop.
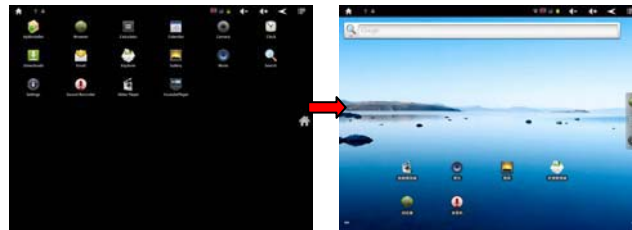
Long press the application icon   on the desktop   to   enter into the editing mode and you can move the icon. When you   drag   the icon   to ,   it turns into   the delete function, release the icon to

delete it.

8. Firmware Upgrade
Press the "Power" button to turn off the device before updating (Note: Press and hold the "Power" button for at least 6 seconds if the device can not be turned on normally).
Insert the Driver CD and copy the file named "RK2918 Android Upgrade Tool_" to your computer desktop (Note: The device can not be updated directly from CD),Then Open file "RKBatchTool.exe" in Folder "RK2918 Android Upgrade", click the button "①"in this current window and choose "update.img" from the popup window, click open, as shown in the picture below:

Hold down the "Menu" button on the device and without releasing it after Device has been turned off; connect the device to the PC by the USB cable supplied with the device.
The "Found New Hardware Wizard" window will pop up on the bottom right corner as shown below. Choose "Install from a list or specific location (Advanced)", and then click "Next" to install the USB driver, see the picture below:
NOTE: The USB port of the PC must be USB2.0, or it cannot be used to update the device.

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Select "Include this location in the search", and navigate to the following folder "Update Software File" > "291xDriver" > "x86" > "XP" on the CD ROM, then click "OK". The system will detect and install the driver automatically, finally click "Finish", see the pictures as below:
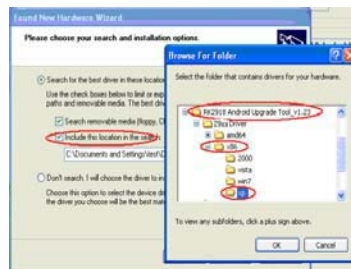
Click "Continue Anyway".

Click "Finish".

Release the ESC key after icon labeled "1" has turned green, see the picture as below:

Then click "Upgrade" to start the updating process. During this process lots of information will be shown in the update status box as shown in the image overleaf.

NOTE: While the system is being updated, the device must not be operated in any way.

The system has been updated successfully when the "Upgrade Done Success <1> Fail <0>" notice appears in the status bar as shown below, and device will come to the main interface after run system.

NOTE: Please don't disconnect the USB cable during the updating process because this will cause update failure or possible system failure of the device.

9. Troubleshooting

9.1 Device can not connect to Wi-Fi

- Ensure the wireless network is working by testing it using another wireless device.

- Ensure the device and the wireless router is within the range of the wireless network to be connected too. Walls or other obstructions will reduce the possible distances between wireless devices.

- Ensure the security password being used is correct.

9.2 Device doesn't turn on

- You can not turn on the device when the battery charge is below the critical level, please charge the battery.

- Press the RESET button on the top of the device and check if it is restarting is normally or not.

- Check if the charger is connected correctly.

9.3 Heat Issues

- When running multiple applications, using the screen on its brightest setting, or when being charged, this device can get quite hot. This is normal and should not cause any inconvenience when in use.

9.4 System has anomalies and doesn't work correctly

- Installing some third-party applications may cause the system not to operate correctly. Press the RESET button and perform a system reset to resolve this issue.

9. 5Cannot set E-mail or registration application

- Ensure that the MID is connected to a Wi-Fi network and can connect to the Internet.

- Ensure you E-mail settings have been entered correctly for the

account being accessed.

- Make sure your system time and local time are correct.

9.6 Can not record

- Press the RESET button on the top of the device, then check if the record function works correctly.

9.7 The stand-by time of the device is too short

- The duration of the lithium battery varies with environmental temperature changes and the service conditions. If the environment temperature is too low or too high, the duration of the battery will be affected. It is recommended to use this device at normal temperature.

- Battery life is dependent on usage. High volume, WIFI, and the frequent use may cause the battery to be drained at a higher rate.

9.8 No sound via earphone

- Please check if the volume setting is 0.

- Please check if audio file is broken, and try to play another audio file to confirm. If the audio file is broken, it may cause severe noise or static.

9.9 The color distortion of video or picture display

- Press the RESET button on the top of the device to resolve this issue.

9.10 Can not copy files

- Please check if the device is connected to the computer correctly.

- Please check if the memory space is full.

- Please check if the USB cable is broken.

9.11 No sound or no image via HDMI Output.

- Please check if the device is connected to HDMI cable correctly, and the TV setting of HDMI port is correct.

- Please check if the HDMI cable is broken.

- Press the RESET button on the top of the device, then check if the HDMI output function works correctly.

9.12 Other troubles

Please follow up the next step to fix the other troubles before you return the MID/Tablet PC to us:

- Step 1: Press the RESET button on the top of the device, then check if the function works correctly;

- Step 2: Upgrade the firmware from the CD and restart the MID/Tablet PC, then check if the function works correctly.

(All information is subject to change without pre-notice.)

FCC Statement

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.

Note: The manufacturer is not responsible for ANY interference,

for example RADIO or TV interference, caused by unauthorized

modifications to this equipment. Such modifications could void the

user' 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 pro-vide reasonable protection against harmful

interference in a residential installation. This equipment generates, uses and

can radi-ate radio frequency energy and, if not in-stalled and used in accordance

with the in-structions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation.

If this equip-ment 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 fol-lowing measures:

-Reorient or relocate the receiving antenna.

-Increase the separation between the equip-ment and receiver.

-Connect the equipment into an outlet on a circuit different from that to which the re-ceiver is connected.

-Consult the dealer or an experienced radio/ TV technician for help.

User Safety Information

READ THIS IMPORTANT INFORMATION ON SAFE AND EFFICIENT OPERATION BEFORE USING YOUR QUANTUN PORTABLE TWO-WAY RADIO.

Compliance with RF Energy Exposure Standards

Your **New Dragon Electronic Ltd** Vedia eReader is designed and tested to comply with a number of national and international standards and guidelines (listed below) regarding human exposure to radio frequency electromagnetic energy. This radio complies with the IEEE (FCC) and ICNIRP exposure limits for occupational/controlled RF exposure environment at duty cycles of up to 50% talk-50% listen and should be used for occupational use only. In terms of measuring RF energy for compliance with the FCC exposure guidelines, your radio radiates measurable RF energy only while it is transmitting (during talking), not when it is receiving (listening) or in standby mode.

Note: The approved batteries supplied with this radio are rated for a 5-5-90 duty cycle (5% talk-5% listen-90% standby), even though this radio complies with the FCC occupational RF exposure limits at duty cycles of up to 50% talk.

Your New Dragon Electronic Ltd Vedia eReader complies with the following of RF energy exposure standards and guidelines:

- United States Federal Communications Commission, Code of Federal Regulations; 47CFR part 2 sub-part J

- American National Standards Institute (ANSI)/Institute of Electrical and Electronic Engineers (IEEE) C95. 1-1992

- Institute of Electrical and Electronic Engineers (IEEE) C95. 1-1999 Edition

- International Commission on Non-Ionizing Radiation Protection (ICNIRP) 1998

- Ministry of Health (Canada) Safety Code 6. Limits of Human Exposure to Radio Frequency Electromagnetic Fields in the Frequency Range from 3KHz to 300GHz, 1999