Vivohub 2 User Manual

V1.7

Introduction

Vivohub 2 is a product connected to your TV via HDMI that turn your TV to a multifunction smart TV. It is a revolutionary entertainment on your TV. It is also an Android HD Media player, a mini Android PC, an IPTV Set-top box, a home media hub & NAS and a DLNA server, a photo viewer, a game player, a music player, a huge size screen e-book/ e-magazine/ e-newspaper reader, it provides a very powerful smart TV experience

Features

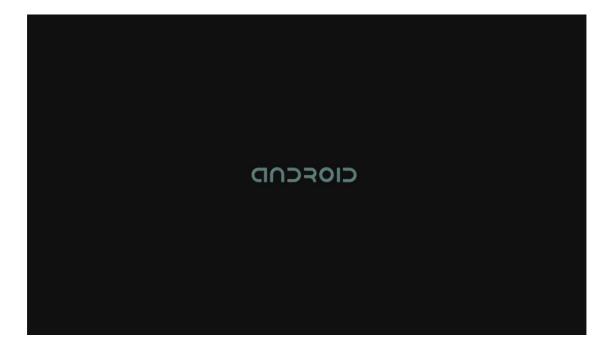
Dual Core ARM Cortex A9, frequency is 1GHz Embedded high-performance Open GL 3D GPU Mali-400 High Capability 1G DDR3 ROM Build in 802.11b/g/n Wi-Fi Module and 100M Rj45 Ethernet port and Bluetooth HDMI 1.3 Digital Audio & Video Output Support SATA HDD Mass Storage Support USB or 2.4G wireless mouse and keyboard operation Support flash player 10.2 hardware acceleration Support up to Full HD 1080P video decoding. High Connectivity for File Sharing Support Google play store Support Google Chrome browser Multi User Interface (optional) Video format support: DAT/MPEG/MPE/MPG/M2V/ISO/TS/VOB/AVI/MKV/MP4/MOV/3GP/3GPP/FLC/AVI/WMA/ TS/M2TS/M3TS/M4TS/M5TS/MTS/M4V/FLV/3G2. Audio format support:

MP3/WMA/WAV/OGG/OGA/FLAC/ALAC/APE/AAC/M4A/AC-3/DTS/RM.

Start Up

 Plug in power adapter, and connect Vivohub 2 Box to TV via HDMI cable.
 There are two screens appear while starting, first screen is robotic logo, second is android text logo.





3 Standard launcher preview





APPS WIDGETS	_			1	🖻 SHOP	
Analog clock	2 x 2	Bookmark		Bookmarks	3 x 3	
Calendar Sep 27 Mate Corans Amate Corans Amate Corans Amate Corans Amate	2 × 3	Email Incomposition of the second se	GBP 1120µm b drop a line and all of you yesterd 1130µm b beinternsteid? GBP Agr 17	Home screen tips	4x1	
t d e						9:26

Settings

Settings provide individual preference setting functions.

1. Wi-Fi

It will scan ambient Wi-Fi networks automatically while click "ON" in Wi-Fi setting.



Choose one encrypted Wi-Fi network to connect

2. Ethernet

Click "ON" in Ethernet setting, it will connect to network automatically.

3. Data usage

Show data usage information.

ttings	
WIRELESS & NETWORKS	Data usage cycle Dec 5, 1969 - Jan 2, 1970
🗢 Wi-Fi	
Bluetooth	
🛃 Ethernet	
🕚 Data usage	
More	Dec 26, 1969 – Jan 2, 1970: about 0.00B used.
DEVICE	No apps used data during this period.
M Sound	
Display	
Storage	
🖄 Apps	
PERSONAL	
Location access	

4. More

It includes VPN, Portable hotspot and Proxy settings.

	♥ 00:08
VPN	
Tethering & portable hotspot	
Proxy settings	
	Tethering & portable hotspot

Build and set VPN Tethering & Portable hotspot Proxy settings Setup proxy server

5. Sound

If you enable Touch sound, you will hear the sound while move remote control.

Settings		
WIRELESS & NETWORKS	Volumes	
🗢 Wi-Fi	SYSTEM	
Bluetooth	Default notification sound Pixie Dust	
🛃 Ethernet	Touch sounds	
🕚 Data usage	SOUND DEVICES MANAGER	
More	Sound Input Devices	
DEVICE		
الب Sound	Sound Output Devices	
Display		
🗮 Storage		
🛃 Apps		
PERSONAL		
Location access		

6. Display

Set wallpaper, output mode, display position and font size.

		00.00
Settings		
WIRELESS & NETWORKS	Font size Normal	
🗢 Wi-Fi	Wireless display Disabled	
Bluetooth		
🛃 Ethernet		
O Data usage		
More		
DEVICE		
M Sound		
Display		
Storage		
🖄 Apps		
PERSONAL		
Location access		

Output mode

The default resolution Is 720P

Display position

Use direction and Enter/Ok buttons on remote control to adjust display position when the screen is not display as full screen on your TV.



7. Storage Shows the storage used of the OS and SD card.

•			00:10
Settings			
WIF	ELESS & NETWORKS	INTERNAL STORAGE	
\$	Wi-Fi		
8	Bluetooth	Total space 2.26GB	
	Ethernet	Available 2.1708	
O	Data usage	Apps (app data & media content)	
DE\	More	Cached data	
•	Sound	540КВ	
	Display	SD CARD	
	Storage	Mount SD card Insert an SD card for mounting	
	Apps	insertan so card for historiang	
٢	Location access		

8. Apps List all apps on different status.

\$			00:10
Settings			1
	DOWNLOADED	RUNNING	
WIRELESS & NETWORKS			
🗢 Wi-Fi			
8 Bluetooth			
i Ethernet			
O Data usage			
More			
DEVICE	No apps.		
M Sound			
Display			
🖀 Storage			
Apps			
PERSONAL			
Location access	Internal storage	2.2GB free	
	dome vocu	2.200 166	

9. Security

Enable unknown sources, it will allow you to install non-market apps.

A second	DEVICE ADMINISTRATION	
Apps Personal	Device administrators View or deactivate device administrators	
Location access	Unknown sources Allow installation of apps from unknown sources	
Security	Verify apps	
A Language & input	CREDENTIAL STORAGE	
D Backup & reset ACCOUNTS	Trusted credentials Display trusted CA certificates	
+ Add account	Install from SD card Install certificates from SD card	
① Date & time	Clear credentials Remove all certificates	
Accessibility		
{ } Developer options		
About device		

10. Language & input

Change OSD language and input method.

The default input method is android standard keyboard.

If you are using our IR remote control, enter into "Default" option and switch to remote controller input method.

🖄 Apps	Language English (United States)	
PERSONAL O Location access	Spell checker	Ŧ
Location access Security	Personal dictionary	
A Language & input	KEYBOARD & INPUT METHODS	
D Backup & reset	Default English - Remote controller input method	
ACCOUNTS	Android keyboard (AOSP)	
+ Add account	English (US)	<u> </u>
SYSTEM	Remote controller input method	<u>파</u>
③ Date & time	SPEECH	
🖐 Accessibility	Text-to-speech output	
{ } Developer options	MOUSE/TRACKPAD	

11. Factory reset

	BACKUP & RESTORE	
Apps Personal	Back up my data Back up app data, Wi-Fi passwords, and other settings to Google servers	
Location access	Backup account Backing up to debug-only private cache	
Security	Automatic restore When reinstalling an app, restore backed up settings and data	
Language & input Backup & reset	PERSONAL DATA	
ACCOUNTS	Factory data reset Erases all data on device	
+ Add account sysтем		
③ Date & time		
🖐 Accessibility		
{ } Developer options		
① About device		

12. Data & Time Set the time of the box.

ings		
Apps	Automatic date & time Use network-provided time	
PERSONAL		
Location access		
Security		
A Language & input	Select time zone GMT+00:00, GMT	
D Backup & reset	Use 24-hour format	
ACCOUNTS	13:00	
+ Add account	Choose date format	
SYSTEM	12/31/19/0	
① Date & time		
🖐 Accessibility		
{ } Developer options		
About device		

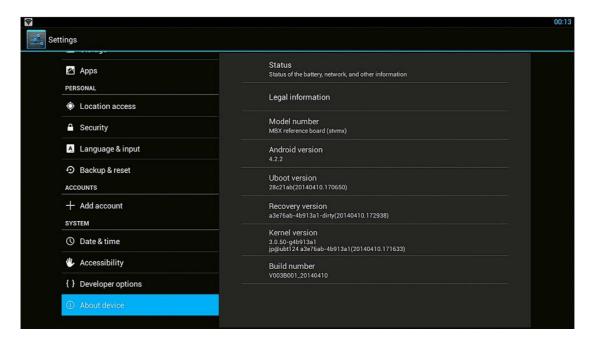
13. Developer options

If you are an engineer of android OS, and want to do some debugging on our box by ADB Enable USD debugging, you will get ADB function by Ethernet or Wi-Fi.

			00:12
Setting	s		ON
5	Apps	Take bug report	
PE	RSONAL	Desktop backup password	
¢	Location access	Desktop full backups aren't currently protected	
	Security	Stay awake Screen will never sleep while charging	
A	Language & input	Protect SD card	
Ð	Backup & reset	Apps must request permission to read SD card	
		USB debugging Debug mode when USB is connected	
	- Add account sтем	Power menu bug reports	
Q	Date & time	Allow mock locations	
Ŵ	Accessibility	Allow mock locations	
()	Developer options	Select debug app No debug application set	
C	About device	Wait for debugger Debugged application waits for debugger to attach before executing	

14. About Media Box.

You will find firmware version under build number.



Movie player



Play videos in SD card, USB disk and USB / SATA HDD



Click button to change video mode, subtitle, audio track, and get video information and so on.

Browser



Visit any website around the world. Read news, view online videos.

Click Menu button on the upper right corner or press F1 button on keyboard while running browser, enter into setting->advanced, and you can set browser type, the default is desktop mode.

Network (SAMBA function)



When you open network app at the first time, it will scan all shared folders in local area network.



Scanned shared folders

Device List	
//192.168.1.200/Driver	
//192.168.1.200/Temporary	
//192.168.1.210/Panasoni	
//192.168.1.218/BIN	
//192.168.1.218/DX9.0sdk	
//192.168.1.218/Н	
//192.168.1.218/share1	
//192.168.1.218/sp6	
//192.168.1.218/testdemo4	
//192.168.1.218/win7_sn	
//192.168.1.221/Android TV Software	
//192.168.1.221/SSS	
//192.168.1.221/TS	
//192.168.1.254/Outlook Express	
	8:08 🖘 🖌

Choose one of them, you will see a green icon appeared on the right.

Click the second button to confirm the choice.	
Device List	
Device List	
∽ △ □ : 8:08 ₽.	

Then, click and open the folder to browse videos, music, pictures and documents inside it.

Upgrade



Upgrade the firmware from external storage device, no matter SD card, USB disk or HDD. Just need to copy the update.img file into the storage device.

Upgrade		
	Local update Check new version from the local	
	Automatic update Automatic update system from server	
	Manual update now Update system from network	
↓ ↓	ē	8:05 🛛

This manual is suitable for ATV series products.

INDUSTRY CANADA NOTICES (IC):

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device

Avis d'Industrie Canada (IC):

Cet appareil est conforme avec Industrie Canada exempts de licence standard RSS (s). Son fonctionnement est soumis aux deux conditions suivantes: (1) cet appareil ne doit pas provoquer d'interférences et (2) cet appareil doit accepter toute interférence, y compris celles pouvant causer un mauvais fonctionnement de l'appareil

FCC Warning Statement

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

FCC Radiation Exposure Statement

The antennas used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.