



## Main Feature:

- DVB-T/T2 and DVB-T2 Lite
- MPEG-2/MPEG-4AVC/H.264 decoding
- Android based APP for digital mobile TV receiver
- Automatic and manual full band channel scanning
- Electronic program guide
- Manage up to 1000 TV and Radio channels
- Multi languages menu, English by default
- Mini USB 2.0 connection to host device
- Offline browsing of recorded video
- Powered by OTG of USB
- Embedded software CA system Enigma
- Telescopic antenna via MCX port



## **Technical Specification:**

### **DVB-T2/T Tuner and Demodulator**

Input Frequency	104~862MHz (VHF/UHF)
Input Level	-90 ~ -20dBm
Demod standard	DVB-T(EN 300 744) and DVB-T2 (EN302 755) DVB-T2 Lite 1.3.1 Annex 1
Demodulation	QPSK, 16QAM, 64QAM for DVB-T QPSK, 16QAM, 64QAM, 256QAM for DVB-T2
FFT Mode	2K, 8K for DVB-T 1K, 2K, 4K, 8K, 16K, 32K, 32K ext for DVB-T2
FEC Code Rate	1/2, 2/3, 3/4, 5/6, 7/8 for DVB-T 1/2, 3/5, 2/3, 3/4, 4/5, 5/6 for DVB-T2
Guard Interval	1/4, 1/8, 1/16, 1/32 for DVB-T 1/4, 19/128, 1/8, 19/256, 1/16, 1/32, 1/128 for DVB-T2
Bandwidth	6MHz, 7MHz, 8MHz

### **Digital Video Decoding**

Standard	ISO/IEC 13818-2 and ISO/IEC 14496-10
Video Decoding	MPEG-2 MP@ ML for SD, MP@ HL for HD H.264/AVC MP@ L3.0 for SD, HP@ L4.1 for HD VC-1 AP@L1 for SD, AP@L3 for HD
Video Resolution	480i/480p/576i/576p/720p/1080i/1080p

### **Digital Audio Decoding**

Standard	ISO/IEC13818-3 and TR1011154
Audio Decoding	MPEG-1 Layer I & Layer II Musicam Dolby Digital (AC3) & Dolby Digital AC-3/E-AC3 in option MPEG-2 AAC-LC & MPEG4 HE-AAC

### **Recommended smart phone**

Samsung	Galaxy Nexus; SII, SIII, S4, Note 2, 8.0,10.1; TAB 2, 7.0 PLUS; 3 8.0
Asus	Nexus 7, New Nexus 7(2013); Fone Pad, MEMO Pad ME172V,PadPhone Infinity; Memo Pad smart 10" me301; EeePad2 (TF201)
Accer	ICONIA Tab A510
Archos	101 XS
HTC	ONE X(OS 4.1.1 above), ONE X Plus (OS 4.1.1 above) Butterfly (OS 4.3 or above), New One

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# Mobile TV USB Dongle *Model: Tim-Dongle*



Sony	ARC S, LT18i, Xperia Z, ZL,VC, Z Ultra
MI	MI 2S(OS 4.1.1 above); Mi 3, Redmi 1S(OS 4.2.2 above)
Kruger&Matz	Tablet 7" model KM0793
Modecom	FreeTAB 9701 HD
LG	G Pro
<b>Menu Function</b>	
Channel Search	Automatic and Manual search based on Frequency and channel number
Channel Management	Up to 1000 channels edition, delete, mov
EPG	7 days
Language	English, French , other languages in option
<b>Conditional Access in Option</b>	
CA Vendor	Hardware less Enigma
CA Type	Smart card less or Smart card
<b>Required Resource from host</b>	
CPU	1.2GHz above
Operating System	Android 4.2 above
Memory	1GB above
Power supply	OTG from USB
<b>Interface</b>	
RF Input	1 x MCX female 75Ω
USB	Mini USB 2.0
<b>Antenna</b>	
Type	Telescopic
Gain	3dB @ 666MHz
<b>Physicals</b>	
Power Supply	DC 5V via USB port
Power Consumption	0.5W in operation
Temperature	Operation 0~+45°C; Storage -10~+60°C
Humidity	20~90%, non-condensed
Dimension	35mm X 32mm X 8mm
Weight	50 g with gift box
Gift box	115 X 81 X 22mm
Accessories	Rod antenna in option, MCX adapter in option

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**Address:** NO.3,Feng Zhi Dong Road, Xi Bei Wang, Hai Dian, Beijing 100089, China  
**Telephone:** (8610)57802000 Ext:8606, **Email:**support@dh-tv.com

