

Digital TV Receiver

Model: VIP-TimBox



Main Feature:

- Support DVB-C,DVB-T/T2 tuner or dual tuners
- RF Signal Strength and signal quality display
- MPEG-2/MPEG-4AVC/H.264, AVS SD decoding
- Automatic and manual full band channel scanning
- Manage up to 1000 TV and Radio channels
- Channel edition, delete , favorite and parental lock
- True colors on screen display user friendly menu
- Multi languages, English by default
- CVBS outputs
- Automatic PAL/NTSC conversion
- EPG up to 7 days
- PVR via plug-in USB HDD
- Software upgrade through USB and on air
- Channel information save in memory after power off
- Front panel displaying channel number or time
- Teletext via OSD & VBI
- Full multi-lingual DVB subtitling and audio track support
- User-friendly remote control with function buttons
- Low power consumption and green power standby mode





Technical Specification:

DVB-T/T2 Tuning and De-Multiplexing:

Connector	1 x IEC 16902 female 75Ω for Input, 1 x IEC 169-2 male 75Ω for loop through output
Input Frequency	104~862MHz (VHF/UHF)
Input Level	-70 ~ -20dBm
Demodulation standard	DVB-T(EN 300 744) and DVB-T2 (EN302 755)
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, 5/32, 1/8, 5/64, 1/16, 1/32, 1/64, 1/128 for DVB-T2
Bandwidth	6MHz, 7MHz, 8MHz
De-multiplexer	MPEG2 ISO/IEC 13818-1

DVB-C Tuning and De-Multiplexing:

Connector	1xIEC 169-24 female 75Ω for Input 1xIEC169-1 male 75Ω for loop through output
Standard	Compliant with ITU J.83 Annex A,C, Annex B in option
Input Frequency	47~862MHz
Input Level	43~ 73dBuV for 64QAM, 47~ 77dBuV for 256QAM
Symbol Rate	1~7MBaud with step of 1kBauds
Constellation	16/32/64/128/256QAM
Bandwidth	8MHz in Annex A and C 6MHz in Annex B in option
De-multiplexer	MPEG2 ISO/IEC 13818-1

Digital Video Decoding:

Standard	ISO/IEC 13818-2, ISO/IEC 14496-10 and AVS
Video Decoding	MPEG-2 MP@ ML and HL for SD H.264/AVC MPand HP @ L3.0 for SD AVS Jizhun Profile SD
Aspect Ratio	4:3 and 16:9
Video Resolution	480i/480p/576i/576p/720p
Video Bit Rate	MPEG-2 MP@ML: 2~15 Mbps MPEG-4 AVC HP@L3:<10Mbps

Digital Audio Decoding:

Standard	ISO/IEC13818-3 and TR1011154
Audio Decoding	MPEG-1 and MPEG-2 Layer I & II, MP3 AAC, HE-AAC Dolby and Dloby+ in option



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Audio Mode	Single channel, Dual Channel, Stereo, Joint Stereo
Audio Sampling Rate	22.1 kHz, 32 kHz, 44.1kHz, 48 kHz
Subtitle & Teletext:	
Subtitle	DVB Subtitle
Teletext	EBU TELETEXT
Menu Function:	
Channel Search	Automatic search based on LCN or NIT Manual search based on Frequency and channel number
Channel Management	Up to 1000 channels edition, delete, move, lock, rename; 8 favorite channel groups
EPG	7 days
Language	English, other languages in option
Software Update	loader through USB and on Air
Security	Menu lock, Parental lock, PIN lock
PVR Option:	
Function	Play/Stop/Record/Pause/Forward/Back, Scheduled Recording using EPG
Profiles	3.x, 4.0, 5.0, 6.0 Home Theater & HD profiles
File System	FAT 32
Media Format	MPEG2, TS, AVI, MKV, ASF, Quick, DivX, FLV, VC-1 DivX 3.X ~ 6.X; AVI, VOB, MOV, MKV, JPEG, BMP, PNG, Motion JPEG, Flash 3.1 Lite
Connector	USB 2.0 supporting external hard disk of 250-500GB
Conditional Access Option:	
CA Vendor	NDS, Irdeto, Nagra, Conax, CTI, Novel, Enigma, etc
CA Type	Smart card less or Smart card
System Resource:	
CPU	MIPS 34Kf@450DMIPS DDR2 667MHz
OS	ECOS
SDRAM Memory	64Mbytes DDR2 SDRAM
FLASH Memory	8Mbytes
Front Panel:	
Keys	MENU/OK/VOL+/VOL-/CH+/CH-, ON/OFF/ Standby
USB	1 x USB 2.0 for external Hard Disk PVR function
Smart Card	Reader compliant to ISO in option
Back Panel:	
RF	1 x IEC 16902 female 75Ω for Input, 1 x IEC 169-2 male 75Ω for loop through output
CVBS	3 x RCA female for Video, Audio Left and Audio Right
USB	1 x USB 2.0
Power	AC-DC adapter 12V Input
PVR Option:	

www.dh-tv.com

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Telephone: (+86)010-57802000, **Email:** support@dh-tv.com

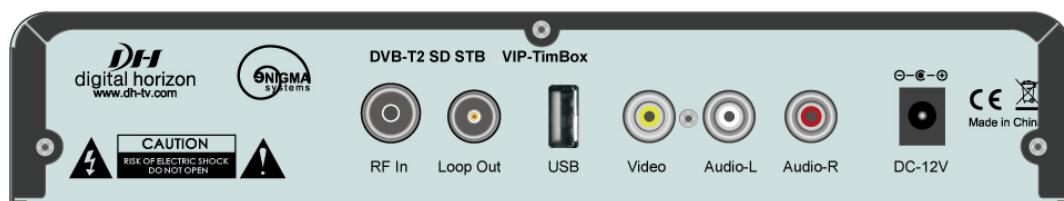


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Function	Play/Stop/Record/Pause/Forward/Back, Scheduled Recording using EPG
File System	FAT 32
Media Format	MPEG2, TS, AVI, MKV, ASF, Quick, DivX, FLV, VC-1
Connector	USB 2.0 supporting external hard disk of 250-500GB
Physicals:	
Power Supply	DC 12V, 1.5A with Power Adapter
Power Consumption	<8W without PVR <1W auto Standby Green Power Mode
Temperature	Operation +5~+45°C; Storage -10~+70°C
Humidity	20~90%, non-condensed
STB Dimension	35mm(Height) x 170mm(Width) x 116mm(Depth)
Gift Box Dimension	78mm(Height) x 230mm(Width) x 146mm(Depth)
Weight	0.8Kg with gift box
Carton Information	828*295*248mm, Gross Weight: 16kg, 20 STB/Carton
Shipment Information	23000 units per 40' High Container
Accessories	Remote Control, AC-DC adapter, AV Cable, User Guide Battery 2 x 1.5V, AAA in option
Remote Control Unit:	
Keys	42 with digit, Up/Down/Left/Right/OK, Volume+/-, Program+/-, PVR keys, EPG key, etc
Mode	Infra Red with 36kHz Carrier

Rear Panel



Order Information

Product Name	DVB-C STB	DVB-T/T2/C STB
Model	VIP TimBox-C	VIP TimBox-T2C

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