



# WINSAT TECHNOLOGY LIMITED

**Add:** Room 1601, Building F Galaxy World, No.1 Ya Bao Road, Bantian Street,  
Longgang District, Shenzhen, Guangdong, China  
Tel.:0755-83563921 Fax:0755-83563931

## GTMEDIA V8X (DVB-S/S2/S2X SCART+CA)

|                |                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                 |
|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ID             |    |                                                                                                                                                                                                                                                                                 |
| Highlight      | 1.Support DVB-S/S2/S2X, VCM/ACM/multi-stream, HEVC main 10 profile, AVS+                                                                                                                                                                               |                                                                                                                                                                                                                                                                                 |
|                | 2.Support BISS auto roll, Full PowerVu, DRE &Biss key;                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                 |
|                | 3.Support Unicable, DiSEqC1.0/1.1/1.2/USALS Motor fully support;                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                 |
|                | 4.Support SAT streamed to Gtplayer, DLNA;                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                 |
|                | 5.Support Built-in 2.4G WIFI module, Ethernet, and support 3G usb dongle;                                                                                                                                                                              |                                                                                                                                                                                                                                                                                 |
|                | 6.Support Online Movie (Youtube,Youporn,Hotstar);                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                 |
|                | 7.Support IPTV (Customize, xstream, stalker);                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                 |
|                | 8.Support Network Sharing Cccam,Newcam,Mgcam;                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                 |
|                | 9.Support CA card slot;                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                 |
|                | 10.Technical support website : <a href="http://www.freesat.cn">www.freesat.cn</a> ;                                                                                                                                                                    |                                                                                                                                                                                                                                                                                 |
|                | <b>Note:</b> We reserve the right to change the design and OEM/ODM supported                                                                                                                                                                           |                                                                                                                                                                                                                                                                                 |
| Main Chip Sets | CPU                                                                                                                                                                                                                                                    | 770MHz Dual Core                                                                                                                                                                                                                                                                |
|                | Flash Memory                                                                                                                                                                                                                                           | 64MB SPI Flash                                                                                                                                                                                                                                                                  |
|                | DDR2 Memory                                                                                                                                                                                                                                            | 1G RAM                                                                                                                                                                                                                                                                          |
| TS Demux       | Demultiplexer                                                                                                                                                                                                                                          | ISO/IEC 13818-1                                                                                                                                                                                                                                                                 |
|                | Input Bit Rate                                                                                                                                                                                                                                         | Max 100Mbit/s                                                                                                                                                                                                                                                                   |
| Video Decode   | Video Decode                                                                                                                                                                                                                                           | HEVC main profile@level 4.1 and main10 profile@L4.1,High tier<br>MPEG-2 MP@ML<br>H.264 BP,MP&HP@L3/L4.1/L4.2<br>AVS Jizhun profile and broadcast profile<br>MPEG-4 SP profile, advanced simple profile@L5<br>VC1 SP@ML, MP@HL, AP@L0-3<br>H263 baseline profile<br>JPEG decoder |

|                                |                                     |                                                                                                                                       |
|--------------------------------|-------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
|                                | TV System                           | Automatic PAL/NTSC conversion                                                                                                         |
|                                | Aspect Mode                         | Auto, 16:9 Pillar box, 4:3 Pan & Scan, 4:3 Letter Box                                                                                 |
|                                | Video effects                       | Standard, Default, Vivid.                                                                                                             |
|                                | Video Resolution                    | 1080P, 1080I, 720P, 576P, 480P, 576I, 480I                                                                                            |
|                                | HDMI Color Space                    | RGB, YUV422, YUV444, Auto                                                                                                             |
| <b>Audio Decode</b>            | Audio Decode                        | MPEG-1/2 Layer 1/2/3, MPEG-2/4 LC-AAC, MPEG-4 HE-AAC, Dolby AC3/AC3+, DRA CH/5.1CH                                                    |
|                                | Sound Mode                          | LEFT/RIGHT/STEREO/MONO                                                                                                                |
|                                | Sampling Frequency                  | 32KHz,44.1KHz,48KHz                                                                                                                   |
|                                | Audio Out                           | LPCM Out, BS Out                                                                                                                      |
| <b>Hardware specifications</b> | Panel display                       | 4-digit white LED display (Support function display)                                                                                  |
|                                | LED Indicator                       | Power ON :Green; Standby :Red                                                                                                         |
|                                | Button                              | NOT                                                                                                                                   |
|                                | Wifi                                | Built in 2.4G WiFi Support IEEE 802.11b/g/n                                                                                           |
|                                | IR                                  | Exit IR for 38KHz,Infra Remote control                                                                                                |
|                                | Rear Panel                          | LNB IN (Frequency Range950MHz to 2150MHz)                                                                                             |
|                                |                                     | HD OUT (up to 1080P)                                                                                                                  |
|                                |                                     | SCART OUT                                                                                                                             |
|                                |                                     | AV OUT (3.5MM*18MM Jack/4-Pin:Red-White-Yellow-GND)                                                                                   |
|                                |                                     | 1*CA card slot                                                                                                                        |
|                                |                                     | 1*USB HOST                                                                                                                            |
|                                |                                     | 1*RJ45                                                                                                                                |
|                                |                                     | 1*RS232 (3-pin 3.5 mm jack)                                                                                                           |
|                                |                                     | DC IN (DC12V/1.5A)                                                                                                                    |
| <b>DVB-S/S2 specifications</b> | System standard                     | ETS 302 307                                                                                                                           |
|                                | Frequency Range                     | 950~2150MHz for DVB-S/S2/S2X baseband demodulator                                                                                     |
|                                | LNB Power and Polarization          | DiSEqC1.0/1.1/1.2/USALS Motor fully support, Support Unicable, 13/18V DC @ 400mA MAX, 22KHz±0.4KHz(0.6V±0.2V)tone,Overload Protection |
|                                | Input Level Range                   | -80dBm ~ -20dBm (average power)                                                                                                       |
|                                | Symbol Rates                        | DVB-S QPSK,DVB-S2 QPSK/8PSK/16APSK/32APSK, DVB-S2X QPSK/8PSK/16APSK/32APSK/64APSK                                                     |
|                                | Forward error correction rate       | 1/4,1/3,2/5,3/5,2/3,3/4,4/5,5/6,8/9,9/10                                                                                              |
|                                | Carrier frequency acquisition range | ±5MHz for symbol rates above 3 Msps and ±3MHz for the remaining symbol rates                                                          |
|                                | Symbol Rates                        | 2 ~ 90MSPS(Code Rate 1/2)                                                                                                             |
|                                | Roll-off factors                    | Roll-off factors for pulse shaping: 0.2, 0.25 and 0.35                                                                                |

|                          |                   |                                                                                                                                                                                               |
|--------------------------|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                          | Code Rates        | 1/2,2/3,3/4,5/6,7/8 for DVB-S, 1/4,1/3,2/5,1/2,3/5,2/3,3/4,5/6,8/9,9/10 for DVB-S2, DVB-S2X Normal Frame and Short Frame FEC code rates                                                       |
|                          | ANT. Connector    | Connector:IEC TYPE F    Input Impedance:75 Ω                                                                                                                                                  |
| <b>Software Features</b> | Standard          | Fully comply with DVB-S/S2/S2X (SCPC and MCPC receivable from C/Ku band satellite), MPEG-2/4 and H.265 Standard                                                                               |
|                          | Channel Search    | Support automatic network search for new added transponders                                                                                                                                   |
|                          | Channels Number   | 6000+ channels TV and Radio programmable                                                                                                                                                      |
|                          | Channel           | Recording one channel, can view another channel under the same TP, Various channel editing function(favorite,move,lock,skip,delete,rename,find,sort)                                          |
|                          | Favorites         | 31 different favorite groups selection                                                                                                                                                        |
|                          | OSD Language      | English,French,German,Italian,Spanish,Portuguese,Russian,Turkish,Polish,Arabic,Persian,Thai,Vietnam,Czech,Armenian,Georgian,Ukrainian,Albanian,Hungary,Malay,Indonesisch,Dansk,Greek,Serbian. |
|                          | OSD Color         | 32-bits OSD with anti-flickering                                                                                                                                                              |
|                          | OSD Setting       | Support OSD Timeout and Transparency, Subtitle Display, Channel list displays pages 1-3.                                                                                                      |
|                          | Other Setting     | Sets up multiple habitual operation Settings                                                                                                                                                  |
|                          | Parental Ctrl     | Parental control for channels                                                                                                                                                                 |
|                          | Easy Menu         | Plug and Play installation, with an easy to use Menu System                                                                                                                                   |
|                          | EPG               | Fully support to 7 days Electronic Program Guide(EPG)                                                                                                                                         |
|                          | Subtitle          | support DVB EN300743 and EBU                                                                                                                                                                  |
|                          | Teletext          | support DVB ETS300472 by VBI                                                                                                                                                                  |
|                          | SoftUpgrade       | Software upgrades through USB port, or FTP upgrade.                                                                                                                                           |
|                          | Time Set          | Time set by GMT offset automatic and manual,Summer Time support                                                                                                                               |
|                          | Timer             | 5 event timers,off/Once/Daily/Weekly Mode                                                                                                                                                     |
| <b>USB Decode</b>        | USB 2.0           | Support FAT/FAT32/NTFS big capacity hard disk                                                                                                                                                 |
|                          | PVR Option        | USB 2.0 for PVR,TIMESHIFT,media files playback                                                                                                                                                |
|                          | Media Codec       | TS,mkv, mp4, avi, flv, f4v, ts, m2ts, mov, 3gp files                                                                                                                                          |
|                          | Audio Codec       | WMA,MP3                                                                                                                                                                                       |
|                          | Photo Codec       | JPG, BMP, PNG, GIF                                                                                                                                                                            |
| <b>Packing</b>           | Product Dimension | 193*125*40MM (L*W*H)                                                                                                                                                                          |
|                          | Packaged Size     | 264*170*55MM                                                                                                                                                                                  |
|                          | Carton Size       | 572*360*280MM (20pcs/ctn)                                                                                                                                                                     |
|                          | Unit Weight       | 0.68 Kg with gift box                                                                                                                                                                         |
|                          | Carton Qty&Weight | 20 pcs/Carton, 14 kgs                                                                                                                                                                         |

|           |                   |                                                                              |
|-----------|-------------------|------------------------------------------------------------------------------|
|           | Accessories       | Gift Box, Adapter, IR remote control, HDMI Cable, User Manual, Warranty card |
| Physicals | Power Supply      | AC 100V ~250V, 50/60Hz                                                       |
|           | Power Consumption | 10W in operation<br>≤ 1 W Standby Power Mode                                 |
|           | Temperature       | Operation 0~+45°C; Storage -10~+60°C                                         |
|           | Humidity          | 20~90%, non-condensed                                                        |

版本：20180415