



## H.264/MPEG-4 AVC HD RECEIVER WHD 7000S/S2 (DVB-S/S2)

### Description

WHD 7000S/S2 gives subscribers the advantages of vivid digital images and sound quality in both standard and high-definition reception. With HDMI output, WHD 7000S/S2 can output up to 1080i high quality video, which substantially increase the viewing experience for satellite subscribers.

### Features

- DVB-S/S2 MPEG4 AVC/H.264 HP@L4, MPEG2 MP@ML, MPEG2 MP@HL compliant
  - CAS support※
  - Two common interfaces, compliant with DVB/NRSS-B/DAVIC V1.2(optional)
  - Support advertising via opening page, menu and programs
  - VBI teletext support
  - Multi-language EPG, teletext and DVB subtitle support
  - Output video to the HDTV display in either 720P or 1080i via HDMI or YPrPb
  - Up to 5,000 TV and radio channels programmable
  - Four search modes: Manual/NIT/All frequency/Advanced
  - 8 favorite channel groups setting, 10 timer setting and parental lock function
  - RS232 for upgrading software, program list, default setting and opening page
- ※ Support CAS Including: Conax, Wellfly, Keyfly, Comvenient/BetaCrypt, DVCrypt, CTI & more

## Specifications

### Inputs and signal processing

- RF Input level: -65~ -25 dBm
- Input symbol rate: 2~45Mb/s(QPSK)  
2~37Mb/s(8QPSK)
- Input frequency: 950-2150MHz
- Input impedance: 75  $\Omega$
- Demodulator: QPSK(DVB-S)/8QPSK (DVB-S2)
- LNB Power: 13/18V
- LNB tone switch: 22KHz  $\pm$  2KHz (0.6Vp-p)
- 1 RS232 input
- 2 CI compliant with DVB (CENELEC EN-50221)/NRSS-B/DAVIC V1.2

### Video processing/Audio processing

- Video decoding: MPEG-4 AVC/H.264 HP@L4, MPEG-2 MP@HL/ML
- Aspect Ratio: 4:3, 16:9
- Video Output: 1080i / 720p
- Audio decoding: MPEG-4 AAC, MPEG-2 AAC and AAC+, MPEG Layer I & II
- Sound mode: Stereo / Joint Stereo
- A/V Output: RCA, SCART, S/PDIF (optical), YPrPb, HDMI

### System resources

- Main Processor: ST710X
- Flash memory: 4 MByte or 8 MByte
- Main processor speed: 266 MHz
- DDR: 128 MByte

### Physical characteristics

#### Power:

- Input voltage: AC90~260V 50/60Hz
- Power consumption: 10W (max)

#### Environment

- Operating Temperature: 5 $^{\circ}$ C~45 $^{\circ}$ C

#### Size & Weight

- (H x W x D): 42mm x 305mm x 234mm
- Net weight: 1.7Kg

#### Shipping Info:

- 2350 sets/ 20' container
- 5000 sets/ 40' container

