



## Standard HD Digital Satellite Set-top Box

### ▶ System Resources

- Powered by Celestial CSM1200 CPU 220MHz
- RAM Memory: 64Mbits
- Flash Memory: 8Mbits

### ▶ Tuner and Demodulation

- MPEG-2/H.264 Digital and Fully DVB-S2 Compliant
- Demodulation conforming to QPSK
- Viterbi rates 1/2, 2/3, 3/4, 5/6 and 7/8 in DVB-S

### ▶ Video

- support up to H.264 SD HP@L4.1 and MPEG-2 HD MP@HL (HD is option)
- Video ratio (4:3/16:9)
- 6-channel DAC (YPbPr/RGB, S-video and Composite)
- Utilizes Macrovision© encryption(Opt.)
- Digital video CCIR-656 format input and output
- Supports PAL, NTSC, SECAM, 480p, 576p,720p, and 1080i formats
- Video bit rate: up to 30 Mbit/sec

### ▶ Audio

- Programmable audio DSP
- Decodes MP1, MP2, MP3, AC3, DTS, AAC streams
- 5.1-channel decoding and down mixing
- I2S digital audio input
- S/PDIF digital audio output

### ▶ Front Panel

- RC-5/NEC Remote Control Receiver
- 7seg-LED, 4/9/16 Key input scanner
- 1 Smart Card Reader (comply with ISO-7816)

### ▶ Rear Panel

- RF input (for aerial) connector: female IEC 169-25
- Tuner frequency range: UHF and VHF
- RF output (to TV) connector: male IEC 169-2 Loop through frequency range: 47-862 MHz (VHF, UHF CH21 to 69)
- Video output: 1 RCA(CVBS); S-video:
- Audio output: 2 RCA (right & left)
- RS232: Interface baud rate 9600~115200, D-SUB 9 pin plu
- HDMI 1.2 connector ((with HDCP copy protection) (Opt.)

- 10M/100M Ethernet To Connect to LAN (Opt.)
- USB 2.0 High Speed(Opt.)
- S/PDIF& SPDIF COAXIAL(Opt.)

### ▶ Program Functions

- ABV CAS SUPPORT
- Easy Graphic User Interface
- Extended Information for full program information
- Favourite channel lists management (moving, locking, sorting, deleting).
- 1000 TV lists and 1000 Radio lists
- Channel search (Automatic, Manual, TS list/network search mode)
- The services could be automatically alphabetically ordered or manually sorted
- Channel list mode (TV, Radio, Favourite)
- Parental control could be set to the menu screens, all channels and each service. The parental rating is also available.
- 16bit colour menus
- Last channel is automatically saved.
- Seven-day EPG(Electronic Programme Guide)
- Rapid channel/program/day navigation
- Support subtitle and teletext
- Support PVR by USB storage device (Opt.)

### ▶ Security and Conditional Access (CA) System \*

- Software update by serial port (Opt.)
- Support USB to upgrade software(Opt.)
- Support OTA to upgrade software(Opt.)

### ▶ Security

- Support ABV CAS. OTA functions

### ▶ Electrical

- Power: 90V– 250V,50Hz / 60Hz
- Work Temperature: 0 °C ~ 40 °C

### ▶ Cabinet

- Metal Casing

\* Note:

Non-CAS (Free-To-Air) set-top box available too