



## **Zimple Box4-HD/OTA-BISS**

### **FEATURE**

- ▲ Fully compliant with the DVB-S2 digital TV Reception Standards
- ▲ Support HDTV / SDTV MPEG2 / MPEG-4 / h.264 decoding
- ▲ Support 480i / 480p / 576i / 576p / 720p / 1080i / 1080p
- ▲ Convenient auto search function
- ▲ Intelligent graphical user Interface design
- ▲ Capacity for storing up to 2000 transponders and 4000 channels
- ▲ Support DVB-S/S2 digital TV signal modulated in QPSK / 8PSK
- ▲ Input frequency range 950 MHz – 2150 MHz.
- ▲ Support DiSEq1.0 / DiSEq1.2
- ▲ Reception for SCPC / MCPC , C/KU Band reception
- ▲ Fast Channel Selection
- ▲ Favourite Channel Edit , parental lock
- ▲ Variable aspect ratio (4 : 3 , 16 : 9) 4 : 3 Pan & Scan or Letter Box modes
- ▲ Support USB 2.0 and OTA Software Upgrade
- ▲ Support USB 2.0 PVR , MP3 , jpg Photo playback

## Specification :

### 1. Tuner

|                         |                               |
|-------------------------|-------------------------------|
| Frequency Range         | 950 ~ 2150 MHz                |
| Input Level             | -11 to -79 dBm                |
| Input impedance         | 75 $\Omega$                   |
| IF Bandwidth            | 27~ 36 MHz                    |
| Threshold value         | <2.2 dB                       |
| Input interface         | F Type Female                 |
| LNB Tone Switch Control | 22 KHz Tone / DiSEqC 1.0, 1.2 |

### 2. Video

|                          |                       |
|--------------------------|-----------------------|
| Decode Format            | MPEG-2                |
| Bit Rate                 | $\leq 15$ Mbps        |
| Output Format            | NTSC / PAL-B/G        |
| Video output Level       | 1 V $\pm$ 20 (mV) p-p |
| Resolution               | 720 x 480             |
| Frequency characteristic | $\leq 60.5$ dB (MHz)  |
| Macro rate               | $\leq 5\%$            |
| Differential gain        | $\leq 5$              |
| YC Delay                 | $\leq 30$ ns          |

### 3. Audio

|   |                                 |
|---|---------------------------------|
| Audio input                                     | L/R                             |
| Frequency characteristic                        | $\leq 60.5$ dB (20 Hz - 20 KHz) |
| Audio signal-noise ratio                        | /70dB                           |
| Level difference between left and right channel | $\leq 0.3$ dB (60 Hz – 18 KHz)  |
| Output type                                     | RCA x 3, RF x 1                 |

### 4. Channel Decode

|                    |                   |
|--------------------|-------------------|
| Demodulation style | QPSK (scpc, mcpc) |
| Symbol Rate        | 2~45 Msps         |
| LNB Power          | 13/18 V           |
| Operating voltage  | 80-270VAC         |
| Power              | 20w (max)         |