

# DVB-C MPEG4&MPEG2 HD Set Top Box



## Key Features

- Rainbow CAS integrated
- Fully DVB-C /MPEG-4/MPEG-2 compliant
- MPEG-4 HD/SD decoding MPEG-4 HD/SD
- Simultaneous viewing of one channel and recording it
- One touch record scheduling in EPG
- Support NIT auto search, list search, manual search
- Powerful program management feature and level restriction features for parental locking
- Support EPG Classified management
- 7 days Electronic Program Guide (EPG)
- Closed Caption, Teletext output with OSD
- Logical channel number (LCN) Supported
- 1 Smart Card embedded
- Software Upgrade via OTA & USB

# Specifications

## System Resources

|                |                    |
|----------------|--------------------|
| Main Processor | MSTAR7C51K chipset |
| CPU            | GX3001Q, 300 MHz   |
| Flash          | 16Mbit             |
| DDR            | 128Mbit            |

## RF Input

|                       |                            |
|-----------------------|----------------------------|
| Constellation         | 16/32/64/128/256QAM        |
| Frequency Range       | 47MHZ-862MHZ               |
| Sensitivity           | 35dBμV-80dBμV              |
| C/N                   | ≤23dB (64QAM, 6.952 Mbaud) |
| Frequency Catch Range | ±150kHz                    |
| Input reflect loss    | ≥ 8dB                      |
| Symbol Rate           | 3.6~6.952 Mbaud            |
| Input Impedance       | 75Ω                        |

## Video Decoder

|                 |                                      |
|-----------------|--------------------------------------|
| standard        | MPEG-1/2/4, H.264                    |
| Resolution      | 1080P, 1080i, 720p, 576i, 480p, 480i |
| Output          | HDMI, CVBS/YPbPr in RCA              |
| Input Impedance | 75Ω                                  |

|              |                 |
|--------------|-----------------|
| Aspect Ratio | 4:3/16:9 (auto) |
|--------------|-----------------|

## Audio Decoder

|                  |  |
|------------------|--|
| Standard         | MPEG-1, MPEG-2 Layer-I/II, MP3             |
| Mode             | Single / Dual mono / Stereo / Joint Stereo |
| Sampling Rate    | 32KHZ, 44.1KHZ, 48KHZ                      |
| Output           | RCA  |
| Output Impedance | 600Ω                                       |

## General

|                          |   |
|--------------------------|---|
| Smart Card               | 1pc cater for ISO7816 standard                |
| Power supply             | AC100~240V,48~52HZ                            |
| Power consumption        | <5W   |
| Holding consumption      | <1W   |
| Anti-electricity durance | 3000V(AC spot value)keep 1 mins not breakdown |
| Operation temperature    | 0~40°C  |

## Front Panel Image



## Rear Panel Image

