



## tru2way *Multi-Room DVR*

SMT-H3272



Today's cable network is rapidly migrating to tru2way architecture and all digital environment. Samsung HD DVR, SMT-H3272 is developed to provide cable operators with a solution to lead this Change in cable network environment.

SMT-H3272 is designed to improve cable's network utilization by supporting advanced features such as MPEG-4 AVC low bit rate codec, digital QAM tuning upto 1GHz spectrum, embedded DOCSIS 2.0 cable modem with DSG and MoCA 1.1 Home Networking Interface.

SMT-H3272's outstanding performance, quick response time and superior picture quality will make cable subscribers satisfied with their service providers.

**SAMSUNG**

# tru2way Multi-Room DVR

SAMSUNG Cable Set-top Box SMT-H3272



## Features

### tru2way™ Architecture

- CableCARD™ Host Interface
- Fully compliant with OCAP™1.0
- Advanced DOCSIS™ Set-top Gateway (ADSG) mode
- Out of Band(OOB) QPSK modem

### Digital Video Recorder

- Viewing one program while recording another program
- Simultaneous Time Shifted Buffering for two Programs
- 320GB hard disc storage

### Better video quality

- Digital noise reduction and image enhancement
- 2D & Enhanced 2D Graphic engine

### High efficiency of Network utilization

- MPEG-4 AVC/H.264 decoding supports better compression rate than MPEG-2
- Digital QAM tuning upto 1GHz RF spectrum

### Multi-Room DVR

- Watch video recorded in the DVR with client STB
- Control DVR recordings from the client
- DTCP-IP for Home network link protection
- MoCA and Ethernet Interfaces for IP LAN connection

### Easy to Use

- Easy to check error messages by using 7-segment LED
- Easy to upgrade STB software through external USB flash
- Fast application launching & loading time



## Specifications

### Product Specifications

Item	Description
CPU	1,000 DMIP RISC processor
Memory	256MB DDR DRAM, 64MB FLASH, 32KB EEPROM
RTOS	Embedded Linux
Middleware	OCAP™ 1.0 & DVR extension
CableCARD	Multi-Stream CableCARD™
Storage	320GB Hard Disc
Network I/F	DOCSIS™ 2.0 Cable Modem In-band Tuner : 54MHz to 1GHz, Receiving 64 or 256 QAM OOB Messaging : ANSI/SCTE 55-1,2 & DSG MoCA 1.1 for Home Networking
I/O Interface	Ethernet(10/100M) 1 Port USB 2.0 host External SATA IEEE1394 1 Port HDMI NTSC-M RCA 1 Port Component Video Output (Y/Pb/Pr) RCA Stereo Audio (L/R) Output Optical S/PDIF Audio Output
Graphics	2D & Enhanced 2D Graphic Engine
MPEG decoding	MPEG4 AVC/H.264, HP@Level 4.1 Decoding MPEG4 AVC/H.264, HP&MP@Level 3.1 Decoding MPEG2 MP@HL Decoding MPEG1 Layer 1/2/3 Audio Decoding Dolby Digital & Dolby Digital Plus AAC LC, AAC LC +SBR Level2, AAC HE Level 2&4
Copy Protection py	OpenCable™ POD Copy Protection HDCP, DTCP, DTCP-IP
Options	Memory Expansion upto 512MB(DRAM), 128MB(FLASH) Hard Disc Expansion upto 500GB
Dimensions	380 x 280 x 65 mm 2,885g (net dimension) 470 x 355 x 140 mm 3,8305g (1 unit box)

### Front Panel Specifications

Item	Description
IR	IR Receiver
Buttons	Volume up/down, Channel up/down, Power/Standby, Guide, Info, Exit, List
Indicators	4 digit 7-Segment Power/Standby, REC, Home Network
Color	Black paint

### Rear Panel Specifications

Item	Description
RF Input	F-type Female
AV Out	2 NTSC-M RCA (CVBS), S-Video, Component (Y/Pb/Pr) Video, HDMI, 2 RCA, 2 S/PDIF (Optical)
I/O Interface	USB 2.0 Host, IEEE 1394, E-SATA, RJ-45 Ethernet (10/100M)
CableCARD	Multi-Stream CableCARD™
Power	AC 120V, 60Hz, AC Outlet

\* The information in this publication is subject to change without notice



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