

Digital Satellite Set-top Box

HTS 7300



Features

- MPEG-II digital & fully DVB compliant
- On-screen display with 256-color full resolution
- DiSEqC control version 1.0, 1.2 and USALS compatible
- Renameable 8 favorite channel groups
- Powerful channel control by Favorites, Lock, Skip, Move and Delete
- Channel sorting by Alphabet, Transponder and CAS
- 10 languages support(OSG & Menu) : English, Spanish, Portuguese, French, German, Italian, Turkish, Arabic, Parsi and Russian
- Extended EPG and program reservation through EPG
- Teletext support(OSD and VBI Insertion)
- Last channel memory function
- Total 4,000 channels programmable
- Pre-installed channels(Optional)
- Multi-Satellite Search
- Dolby Digital bitstream audio output via S/PDIF
- Various games included(Tetris, Sokoban, Snake...)
- Software & channel database upgrade via RS-232C from PC(PC-to-Set) or Set(Set-to-Set)
- Parental lock / Installation Lock / Receiver Lock
- Zoom function in Pause

Specification

Tuner & Channel Decoder

Input Connector	F-type, IEC 169-24, Female
Loop through out	F-type, IEC 169-24, Female
Frequency Range	950MHz ~ 2150MHz
Input Impedance	75Ω unbalance
Signal Level	-65 to -25dBm
LNB Power & Polarisation	13.5V/18V, max.500mA
22KHz Tone	(22±2)KHz, (0.6±0.2)V
DISEqC Control	V1.0/1.2/USALS Compatible
Demodulation	QPSK
Input Symbol Rate	2 ~ 45 Ms/s
FEC Decoder	1/2, 2/3, 3/4, 5/6 and 7/8 with Constraint Length K = 7

MPEG Transport Stream A/V Decoding

Transport Stream	MPEG-II ISO/IEC 13818
Profile Level	MPEG-II MP@ML
Input Rate	Max. 15Mbit/s
Video Formats	4:3 LetterBox, 4:3 PanScan, 16:9
Video Resolution	720 x 576, 720 x 480
Audio Decoding	MPEG/MusiCam Layer I & II
Audio Mode	Streo/Joint streo/Mono
Sampling Rate	32KHz, 44.1KHz and 48KHz

Main System

Main Processor	STi5518
Memory	Flash-ROM : 2MB SDRAM : 8MB EEPROM : 256Kb

Audio & Video Data IN/OUT

TV Scart	Video Output(CVBS, RGB) Audio Output(L,R)
VCR Scart	A/V Output(CVBS,L,R) A/V Input(CVBS,RGB,L,R)
RCA Video	Video Output(CVBS)
RCA Audio L/R	Volume and Mute Control
S/PDIF	Digital Audio Output/Cinch

Data Port

RS-232C	Transfer rate 115Kbps, 9 pin D-sub type
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RF Modulator

RF Connector	75Ω , IEC 169-2, Male / Female
Frequency	470MHz ~ 860MHz
Output Channel	CH 21 ~ 69 for the Remodulator
TV Standard	PAL B/G/I/D/K selectable by Menu
Preset Channel	CH36(or TBD) Software changeable by Menu

Front Panel

3-KEYs	Channel UP/DOWN, STANDBY
4-Digit 7-SEG	Channel No. or Time Display
2-LED	STANDBY, REMOTE

Power Supply

Input Voltage	AC 90 ~ 250V, 50/60Hz
Type	SMPS
Power Consumption	Max. 30W
Standby Power	Max. 8W
Protection	Separate Internal Fuse The input shall have lighting protection

Physical Specification

Size (W x H x D)	260mm X 54mm X 232mm
Weight (Net)	1.8Kg
Operating Temperature	0°C ~ +45°C
Storage Temperature	-10°C ~ +70°C

