

HD Satellite Receiver

MPEG-4 HD [12V-24VDC]

DS400-HDM

Canal Digitaal FastScan
TV-Vlaanderen FastScan
TeleSat FastScan



Key Features

- Fully DVB-S / DVB-S2(H.264) HD Compliant (EN 300 307)
- MPEG-2 MP@HL, MPEG4 Part 10 / H.264
- Supports Electronic Program Guide(EPG)
- Dolby Digital Sound
- Teletext and Subtitle Supported by OSD
- Enhanced Favorite Channel Group Selection / Parental Lock

- HDMI Digital Audio & Video Output
- Video Resolution : 480i, 480p, 576i, 576p, 720p, 1080i
- Software Upgrade via OTA
- USB 2.0 Host (PVR-Ready)
- 2 Common Interface



Technical Specification

Tuner & Demodulator

RF Input Connector	IEC 169-24 (Female)
RF Loop Through Connector	IEC 169-24 (Female)
Input Frequency	950 ~ 2150 MHz
Input Impedance	75Ω Unbalanced
Input Signal Level	-65 ~ -25 dBm
IF Frequency	Zero IF
LNB Power	13/18V off, Max. 500mA
LNB Control	DiSEqC 1.0/1.1/1.2/1.3 compatible
Band Switch Control	22KHz
22KHz Tone	Frequency: 22KHz ±4KHz Amplitude: 0.6V±0.2V
Demodulation	DVB-S: QPSK DVB-S2: QPSK, 8PSK
Symbol Rate	2~45Mps

A/V Decoding

Transport Stream	MPEG-2 ISO/IEC 13818
Profile Level	MPEG-4 Part10/H.264, MPEG-2 MP@HL
Input Rate	100 Mbps Max
Aspect Ratio	4:3, 16:9, Letter Box
Video Resolution	480i, 480p, 576i, 576p, 720p, 1080i
Audio Decoding	MPEG/MusiCam Layer I & II
Audio Mode	Single Channel/Dual Channel/Joint Stereo /Stereo
Sampling Rate	32, 44.1 and 48KHz

Main System

CPU	STi 7100
CPU Speed	266MHz
Flash Memory	8Mbyte
Graphical & System SDRAM	192Mbyte
EEPROM	16K

Physical Specification

Size (W X D X H) mm	280 X 215 X 50
Weight	Approx. 1.5 Kg

AV & Data Interface

TV SCART	CVBS, RGB, Audio(L/R)
Video Output	1 X RCA Cinch
Audio Output	2 X RCA Cinch (L/R)
Component Output	3 X RCA Cinch (Y, Pb, Pr)
Digital Audio Output	1 X SPDIF (Optical)
HDMI	HDMI 1.2
USB	USB 2.0
RS-232C	Transfer rate 115,200 bps / 9 pin D-sub Type

Conditional Access

Common Interface	2 Slot
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Power Supply

Input Voltage	10.5V - 30VDC
Type	SMPS
Power Consumption	17 ~ 20W
Standby mode	Less than 1W
Protection	Use Internal Fuse and Electric Shock Protection

Environment

Operational Temperature	0°C to +45°C
Storage Temperature	-10°C to +70°C

Accessory

User Manual	1EA
RCU	1EA (Include 'AAA' battery 2EA)
AC-DC Adaptor	1EA (AC 100~240V, DC 12V/4A)
Cigarette Lighter	1EA
External IR Sensor	1EA
HDMI Cable	1EA
SCART Cable	1EA
Mounting Brackets	2EA

