

1. Tuner & Channel

Input Connector	1 x F type
Frequency Range	54MHz to 858MHz
Waveform	QAM: 16, 32, 64, 128, 256
Symbol Rate	1 ~ 6MS/s
Input Signal Level	47dB uV ~ 75dB uV for each channel
Input Impedance	75 ohms nominal
Center Frequency	44MHz nominal
Bandwidth	6MHz typ.

2. MPEG Transport Stream A/V Decoding

Transport Stream	MPEG-2 ISO/IEC 13818 Transport Stream Specification
Profile & Level	MPEG-2 MP@ML
Input T/S Data Rate	80Mbit/S max
Aspect Ratio	4:3, 16:9 with pan vector
Video Resolution	720 x 480 (NTSC)
Audio Decoding	MPEG-1 Audio Layer 1, Layer 2
Audio Mode	Stereo, Dual Channel, Joint Stereo, Mono
Sampling Rate	32, 44.1, and 48kHz

3. Memory

Flash Memory	up to 2M bytes
Program DRAM	8 Mbytes
EEPROM	2 Kbytes

4. A/V & Data In/Out

S-VHS OUT	Mini DIN x 1
CVBS Video Out	RCA x 1
Analog Audio Out	RCA x 2 (L, R), MONO x 1
	Resolution 16bit DAC
	Output Level 2Vrms Max.
	Volume & Mute Control
Data Interface	RS232C, Baud Rate 9600 ~ 115200, 9 Pin D-Sub

5. Conditional Access System

Embedded Viaccess	1 slot for a Viaccess smart card
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6. Power Supply

Input Voltage	AC85 - 110V or 220V 60Hz SMPS
Type	SMPS
Power Consumption	30W Max. (Below 7W Max. for stand-by mode)
Protection	Separate Internal Fuse and Chassis Grounding The Input shall have lightning or Electric Shock Protection

7. Physical Specification

Size(W x H x D)	250mm x 40mm x 200mm
Weight	about 2.0 Kg

9. Environment

Operating Temperature	+ 5 °C ~ + 55 °C
Storage Temperature	- 40 °C ~ + 65 °C