

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.400mA
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	Conexant Brazos
Memory	Flash-ROM : 2MB SDRAM : 8MB EEPROM : 256Kb

Audio & Video Data IN/OUT

Video	CVBS Video Output(RCA) S-Video Video Output(Mini-DIN) Y/Pb/Pr Video Output(RCA)
Audio L/R	RCA(Volume and Mute Control) x 2 AC-3 Dolby Digital(RCA)

Data Port

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

RF Connector	IEC 169-24, Male / Female
Frequency	CH 3 : 61.25MHz CH 4 : 67.25MHz
Output Channel	CH 3 / CH 4
TV Standard	NTSC-M
Preset Channel	CH 3(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. 20W
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

