



Features

- Built-in Conexant 24142 powerful single chip processor
- MPEG-2 digital & fully DVB-S compliant
- Embedded Conax / Irdeto(Optional)
- Normal/Wide Vision (4:3, 16:9)
- Automatic PAL/NTSC conversion
- 950 ~ 2150MHz Tuner with IF Loop Through Output
- SCPC and MCPC receivable from C/Ku band satellite
- 7000 channels TV and Radio programmable. Max 128 Satellites Programmable
- 8 different favorite groups selections
- On Screen Display with multi-language support
- Fully support to 7 days Electronic Program Guide (EPG)
- PIG (Picture In Graphic) On-Screen Display support
- 256 colors On Screen Display
- Automatic network search for newly added transponders (Network Auto Search)
- DiSEqC 1.0/1.2 fully support and USALS Compatible, 13/18V, 0/22K, 0/12V LNB control
- Various channel editing function (favorite, move, lock, rename and sort)
- Parental control for channels
- Plug and Play installation, with user friendly and easy-to-use user interface system
- Easy and fast software upgrades through RS232 port and IRD to IRD
- Timer function, automatically turns On/Off by setting function (daily, weekly, monthly, one time)
- Subtitle support DVB EN300743 and EBU
- Teletext support DVB ETS300472 by VBI and OSD
- Automatic save for last channel
- Channel list can be sorted by alphabetic A-Z
- Multi pictures (6 pictures or 9 pictures) grid
- Support blind scan options
- Video zoom in/out function (Optional).
- Various games such as Tetris, Black white and Push box

Specification

Main System

Main Processor	CX24142(CA/FTA)
Memory	Flash 2MB SDRAM 8MB

Tuner & channel Decoder

Frequency Range	950 – 2150MHZ
Connector	F-female
Input impedance	75ohm
Input Level Range	-65dBm – -25dBm
LNB Power & Polarization	Vertical 13VDC Horizontal 18VDC
	LNB Power Supply 400mA (max)
	Band Switch Control 22KHz tone
	Overload Protection
DiSEqC Control	V1.0/1.2 compatible
Modulation	QPSK
Input Symbol Rate	2 – 45Mbauds
12V DC Switch	0/12VDC control voltage

MPEG Transport Stream A/V Decoding

Aspect Ratio	4:3 , 16:9
Video Resolution	720 × 576(PAL) 720 × 480(NTSC)
Audio Sampling Frequency	32 , 44.1 , 48KHZ
Sound Mode	Stereo , mono , dual

A/V & Data In/Out

TV Scart	CVBS, RGB, Audio L/R
VCR Scart	CVBS in-out, Audio L/R in-out
RCA A/V	Video CVBS output Audio L/R output
SPDIF	Digital audio output
RS-232	9 pin D-sub type Transfer rate 115.2kps

RF Modulator

RF-Connector	75ohm, IEC 169-2, Female/Male
Frequency	470 – 862MHz ;
Output Channel	CH21 – 69
TV Standard	PAL D/K (B/G. I. selectable by menu)

Power Supply

Input Voltage	175 – 250VAC, 50/60HZ
Type	SMPS
Power consumption	30W (max

Mechanical

Dimension	260 (W) × 145 (D) × 45 (H) mm
Weight	1.1Kg
Shipping Info	3600sets / 20' container