

Technical specifications:

* System resources:

- Main Processor: 800 MHz based CPU
- Flash memory: 64 Mbits
- DDR RAM: 2048 Mbits

* Satellite Tuner:

- Tuner Type: DVB-S / DVB-S2
- Input Connector: F-Type connector, female
- Frequency Range: 950MHz - 2150MHz
- Signal level: -65 to -25dBm
- LNB Power & Polarization: Vertical: +13V; Horizontal: +18V; Current: 300mA max; Overload protection
- 22KHz Tone: 22±1KHz
- DiSEqC Control: Amplitude: 0.6±.02V; Version 1.0, 1.1, 1.2, USALS
- Demodulation: QPSK, 8PSK
- Input symbol rate: 2-45Mbps, Convolution Code Rate
- FEC: 1/2, 2/3, 3/4, 5/6, 7/8, 1/4, 1/3, 2/5, 3/5, 4/5, 8/9, 9/10

* Terrestrial Tuner:

- Tuner type: DVB-T / DVB-T2
- Input connector: IEC-Type connector, female
- Signal level: Nordig Compliant, DBOOK Compliant
- FEC: DVB-T: Viterbi + Reed Solomon 1/2, 2/3, 3/4, 5/6, 7/8; DVB-T2: LPDC + BCH 1/2, 3/5, 2/3, 3/4, 5/6
- Frequency range: 47-862MHz
- Demodulation: QPSK, 16QAM, 64QAM, 256QAM (both rotated and non-rotated)
- Guard interval: 1/4, 19/256, 1/8, 19/128, 1/16, 1/32, 1/128
- FFT mode: 1k, 2k, 4k, 8k, 16k, 32k normal and extended
- Channel bandwidth: 6 / 7 / 8MHz
- Antenna output power: 5V 50mA max
- Demodulation: COFDM 2K/8K

* Cable Tuner:

- Tuner type: DVB-C
- Input connector: IEC-Type connector, female
- Frequency range: 47-862MHz
- Signal level: -20dBmV - +20dBmV
- Bandwidth: 8MHz
- Demodulation: 16QAM, 32QAM, 64QAM, 128QAM, 256QAM
- Input symbol rate: 1.5 - 7Ms/s

* MPEG TS A/V Decoding:

- Transport stream: MPEG-2, H.265
- Input rate: Max 120Mbit/s
- Aspect ratio: 4:3, 16:9
- Video decoding: MPEG-2, MP@ML, MPEG-4 part10/H.264, H.265
- Audio decoding: MPEG-1 layer I/II, MPEG2 layer II, Dolby Digital, AAC
- Audio mode: Left, Right, Stereo, Mono
- Sampling rate: 32, 44.1, 48KHz

* A/V & Data Input / Output:

- Video In: BNC type, analogue video input
- USB: High Speed USB2.0 connection (Type A)
- HD OUT: HDMI Ver 1.3, Type A
- Ethernet: RJ45 10/100M

* Power Supply:

- Input voltage: AC 100-240V 50/60Hz
- Output voltage: DC 12V 4.5A max
- Power consumption: 48W max
- Battery: 7.4V 6.3Ah
- Battery charging time: 3.5 hours
- Battery discharging time: up to 6-7 hours

* Physical Specifications:

- LCD display: 7 inch
- Size: 275mm x 175mm x 50mm (WxHxD)
- Net weight: <2.0Kg
- Operation temperature: 0 - +45°C
- Storage temperature: -10 - +70°C

- Storage humidity: 5%-95% RH (non-condensing)