

Power Supply  
Type: SMPS  
Input Voltage: AC 95V~240v 50Hz / 60Hz  
Fuse Rating: 250V/T2A

Tuner  
Input Frequency: 950 ~ 2150MHz  
Input Signal Level: -65 ~ -25dBm  
Input Impedance: 75ohm Unbalanced  
Connector Type: 'F' Type Female  
LNB Power Supply: 13V/18V, Max 500mA with Short Circuit Protection  
22KHz Tone: Frequency 22± 4KHz, Amplitude 0.6±0.2Vpp  
DiSEqC: 1.0 , 1.1, 1.2, USALS(1.3) Compatible  
Channel Selection: PLL Frequency Synthesizer

Demodulator  
Type: QPSK Demodulation (DVB-S)  
Symbol Rate: 1 ~ 45 MS/s  
Inner FEC: Viterbi Convolutional Coding  
Rate 1/2, 2/3, 3/4, 5/6, 7/8  
Outer FEC: Reed Solomon Coding(204,188) T=8

Video Decoder  
System Decoding: MPEG-2 ISO/IEC 13818-2  
Profile and Level: MPEG-2 MP@ML  
Data Rate: 1 ~15 MB/s  
Video Formats: 4:3(Normal) & 16:9(Widescreen)

Audio Decoder  
System Decoding: MPEG-1 ISO/IEC 11172-3 Layer I & II  
Audio Mode: Mono, Dual, Stereo, Joint Stereo  
Sampling Frequency: 32, 44.1, 48 KHz

Audio/Video Output  
Audio Output: 2 RCA Cinch (1 on Lite Model)  
Video Output: 2 RCA Cinch (1 on Lite Model)  
Digital Audio: 1 S/PDIF Optical (Platinum & Xtreme)  
S-Video: 1 S-VIDEO  
COMPONENT: 3 RCA Cinch (Xtreme)

RF Modulator  
Modulator Output: CH3~4  
Video Type: NTSC  
Output Connector: "F" Type Female  
Ant. IN Connector: "F" Type Female  
8. Serial Data Interface  
Signal: RS-232, Max. 115200 bps  
Connector Type: 9 Pin D-Sub (male)