

III. Technical Specification

TUNER	
Input frequency	174 ~ 860MHz UHF & VHF
Bandwidth	7MHz or 8 MHz
Input level	-72 ~ -20 dBm
Input impedance	75 Ω
DEMULATION	
Demodulation	QPSK, 16QAM, 64QAM
FEC	1/2, 2/3, 3/4, 5/6, 7/8
Mode	2K, 8K
Guard	1/4, 1/8, 1/16, 1/32
DEMULTIPLEXER	
Standard	ISO/IEC 13818-1
Input max. bit stream rate	60Mbps(Serial) / 7.5MBps(Parallel)
VIDEO DECODING	
Standard	ISO/IEC 13818-2 MPEG-2 MP@ML
Aspect ratio	4:3, 16:9
Video resolution	720x576 (PAL), 720x480 (NTSC)
AUDIO DECODING	
Standard	ISO/IEC 13818-3
Output mode	Left channel, Right channel, Stereo
Sample frequency	32, 44.1, 48KHz
AV OUTPUT	
Video de-emphasis	CCIR REC.405-1, 625LINES
Video bandwidth	5.5MHz
Video output impedance	75 Ω
Video output level	1.0Vp-p
Audio output	Left channel, Right channel, Stereo
Audio output frequency	20Hz~ 20KHz

Audio output Impedance	Low
POWER	
Input voltage	DC12V 0.6A
Power consumption	7 W max
AMBIENT	
Operation temperature	0°C ~ 40°C

EL-220 DVB-T