

ADTV Power Estimate

(numbers are preliminary and subject to change)

• Video Pre-Processor	1.0 kW
• Motion Compensation	2.5 kW
• MPEG++ Encoder	3.0 kW
• Audio Encoder	0.3 kW
• Transport Encoder	1.0 kW
• Modulation, IF and RF	1.0 kW
• Tuner and IF	1.5 kW
• Transport Decoder	1.0 kW
• MPEG++ Decoder	1.5 kW
• Audio Decoder	0.2 kW
• Video Post-Processor	1.0 kW
• Auxiliary Equipment	3.0 kW
TOTAL	17.0 kW