



LX-4961/05 and LX-4961/25

Audio/Video Transmitter

4.9-6.1 GHz

This High power video transmitter will send a broadcast quality image up to 6 miles line-of-sight (HP version) to receiver WTX-4962 using 15 dB gain antennas or 1000 ft with small dipole antennas. This system has been designed for Government agencies. RF power output is 500 mW or 2.5W. DC supply is 9-12 V. This video transmitter and receiver are available in encrypted option.

Dimensions: 4.7 " X 3.7 " X 1.37



Technical Specifications	
Operating Frequencies:	4900 MHz- 6100 MHz
Frequency step:	250 kHz
DC Voltage:	9 V – 16 V
RF power:	500 mW or 2.5 W
Minimum required voltage:	9 V
Battery power:	12 V
Video distortion:	5%
Maximum range:	LONG RANGE, over 6 miles LOS (HP version)
Video Format:	PAL, NTSC
Current Consumption:	800 mA / 12 V (1.8 A HP version)
Antenna:	N/A
Antenna Connector:	SMA
Impedance:	50 ohms
Video Connector:	RCA Female
Video Impedance:	75 ohms
Video level:	1 V
Temperature Range:	-20 +75* C
Dimensions:	4.7" X 3.7 " X 1.37"
Weight:	450 grams
Modulation:	WFM