



# LX-1020/5S LONG DISTANCE VIDEO SURVEILLANCE SYSTEM WITH WIDE FREQUENCY RANGE



Audio-video transmitter LX1020/5 can work in 1.0 - 2.0 GHz range. It is small, sophisticated unit that will work from 12 V battery power. This is a great audio-video transmitter for UAV applications, excellent for special flying models where the weight and battery power are critical factor. With receiver RMX-2000 you can obtain distance over 15 miles from the Air using special high gain antenna on the receiving end. This wireless video system is excellent for UAV operations, experiments, surveillance etc...

Government orders only

## **COMPLETE SYSTEM INCLUDES:**

- LX-1020/5 AUDIO-VIDEO TRANSMITTER
- RECEIVER RMX-2000
- TWO RUBBER DUCKY ANTENNAS
- GROUND BASE HIGH GAIN DIRECTIONAL ANTENNA
- SPECIAL VIDEO CAMERA INFRARED SENSITIVE

Transmitter Technical Specifications	
Operating Frequencies:	1000 MHz- 2000 MHz
Channels:	On board selectable
DC Voltage:	12 V
RF power:	5 W/ 9 V
Minimum required voltage:	12 V
Battery power:	12 V-14 V
Video distortion:	3%
Maximum range:	N/A
Video Format:	PAL, NTSC
Current Consumption:	1800 mA / 12 V
Antenna:	N/A
Antenna Connector:	SMA
Impedance:	50 ohms
Video Connector:	RCA, BNV
Video Impedance:	75 ohms
Video level:	1 V
Temperature Range:	-40 +75* C
Dimensions:	6.5" X 4.0" X 2.0"

Weight:	2 lbs
Modulation:	WFM

<b>Receiver Technical Specifications</b>	
Operating Frequencies:	900-2100 MHz
Digital display, frequency step	125 kHz
DC Voltage:	9 V- 12 V
RF power:	N/A
Minimum required voltage:	9 V
Battery power:	12 V/ 300 mA
Video distortion:	3%
Sensitivity:	-92 dBm/ 1500 MHz
Video Format:	PAL, NTSC
Current Consumption:	380 mA / 12 V
Antenna:	Recommended high gain, omni directional ant.
Antenna Connector:	SMA
Impedance:	50 ohms
Video output Connector:	RCA F
Video Impedance:	75 ohms
Two Audio outputs:	300 mV per channel
Carrier frequencies for audio channels:	6 MHz and 6.5 MHz
Temperature Range:	-25 +65* C
Dimensions:	6.5" X 4.0" X 2.0"
Weight:	300 grams
Demodulation:	WFM