



LX-3000S

LONG DISTANCE VIDEO SURVEILLANCE SYSTEM



FCC APPROVED

Audio-video transmitter LX-3000/5 has 8 channels in 2.3 MHz - 2.5 GHz range. This unit has wide temperature range from -40° C up to 75° C! The range of this system is app. 20 miles from the AIR using special antennas and our receivers VRX series! Recommended receiver is VRX 24 L. This High power Audio/ Video transmitter measures 6" X 4" X 2". A special heat sink is built in the box. Transmitter weights 230 grams. This special transmitter doesn't need any maintenance or tuning. The frequency setting is external - you can choose 8 channels in 2.4 GHz range by pushing the button. RF power output is over 5 W / 50 ohms load. Recommended antenna is dipole 5 dB gain AD-24S.

COMPLETE SYSTEM INCLUDES:

- 8 CHANNELS, MOST POWERFUL AUDIO/VIDEO TRANSMITTER LX-3000/5
- 8 CHANNELS RECEIVER OPTIONS VRX-24 LTM
- TWO ANTENNAS: RUBBER DUCKY AND ONE PN 24
- AMPLIFIER AMP-18/24 M
- OMNI DIRECTIONAL HIGH GAIN ANTENNA AD-24S
- RF CABLE MIL. GRADE
- PIN-HOLE CMOS VIDEO CAMERA

Transmitter Technical Specifications	
Operating Frequencies:	2300 MHz- 2500 MHz
Channel:	Agile channels from 1-8
DC Voltage:	9 V – 16 V
RF power:	5 W
Minimum required voltage:	10 V
Battery power:	12 V
Video distortion:	3%
Maximum range:	Long range, over 16 km LOS
Video Format:	PAL, NTSC
Current Consumption:	1.8 A / 12 V
Antenna:	N/A
Antenna Connector:	SMA
Impedance:	50 ohms
Audio input:	300 mV
Video/Audio Connectors:	RCA F
Video Impedance:	75 ohms
Video level:	1 V
Temperature Range:	-40 +78 °C
Dimensions:	6" X 4 " X 2"
Weight:	350 grams
Modulation:	WFM

Receiver Technical Specifications	
Operating Frequencies:	2300 MHz- 2500 MHz
Channel:	#1, 2, 3, 4, 5, 6, 7, 8
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
Video Format:	PAL, NTSC
Current Consumption:	280 mA / 9 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:	2.5" X 5.7" X 0.8"
Weight:	200 grams
Demodulation:	WFM