



# 900SYS

## COMPLETE 900 MHz AUDIO/VIDEO SURVEILLANCE SYSTEM TRANSMITTER AND RECEIVER



900 MHz complete wireless TV system S-900 is an excellent solution for undercover operations. It comes with a high power video transmitter 1 W, receiver RM-900B, dipole antenna and panel antenna 2.8 dB gain. This system is excellent to send a broadcast quality video signal over 1 km line-of-sight. This system is a single channel unit but it is available in 2 different channels.

Technical Specifications	LX-916 Transmitter
Operating Frequency:	900 MHz-927 MHz
Channels:	2
Channel selection:	N/A
DC Voltage:	12 V
RF output power:	10 W / 50 ohms
Minimum required voltage:	9 V
Battery power:	12 V - 14.4 V
Frequency stability:	+20 ppm
Video distortion:	3%
Maximum range:	1 km with directional antennas 9 dB
Video Format:	PAL, NTSC
Current Consumption:	385 mA / 12 V
Antenna:	Omni Directional 5 dB included
Antenna Connector:	SMA/N
Impedance:	50 ohms
Video Connector:	RCA Female
Video level:	1 V
Video Impedance:	75 ohms
Audio frequency response:	N/A
Audio input:	No Audio.
Audio carrier frequency:	N/A
Temperature Range:	-40 +75° C
Dimensions:	8" X 6" X 3.5"
Weight:	0.8 lb
Modulation:	Negative AM

Technical Specifications	RMX-900B Receiver
Operating Frequency:	900 MHz-927 MHz
Number of Channels:	12
Channel selection:	Internal, selection by rotary switches
Current Consumption:	190 mA / 12 V
DC Voltage:	12 V
Sensitivity:	-89 dBm
Minimum required voltage:	9 V
Battery power:	12 V -14.4 V
Video distortion:	3%
IF frequency:	45 MHz
IF bandwidth:	6 MHz
Gain flatness:	3 dB
Noise :	1.8 dB
Image rejection:	45 dB
Antenna:	Directional 8 dB included
Antenna Connector:	SMA/N
Impedance:	50 ohms
Video Connector:	RCA Female
Video Impedance:	75 ohms
Audio output:	N/A
Video level:	1 V
Temperature Range:	-40 +75° C
Dimensions:	3" X 2" X 1"
Weight:	1 lb
Modulation:	Negative AM