



WTX-4962S

WIDEBAND LONG DISTANCE VIDEO SURVEILLANCE SYSTEM



**VERY LONG RANGE - TESTED FOR 5-7 MILES FROM THE AIR
WIDEBAND SYSTEM, 4,900-6,200 MHz**

This is the most powerful, long range microwave system, tested for long distance over 6 miles from the air. The new system includes transmitter, receiver, high gain antennas and all cables.

COMPLETE SYSTEM INCLUDES:

- AUDIO/VIDEO TRANSMITTER WTX-4962
- WIDEBAND VIDEO RECEIVER WRX-4962 (4,900- 6,200 MHz)
- OMNI-DIRECTIONAL ANTENNA 5 dB GAIN
- DIRECTIONAL HIGH GAIN ANTENNA 15 dB GAIN
- RF CABLE MIL. GRADE 3ft
- HIGH RESOLUTION PANASONIC CCD VIDEO CAMERA

Transmitter Technical Specifications	
Operating Frequencies:	4950 MHz- 6200 MHz
Frequency Step:	250 kHz / 1 MHz
DC Voltage:	7.5-12 VDC
RF power:	10 mW/200 mW
Minimum required voltage:	6 VDC

Battery power:	6 V-12 VDC
Video distortion:	2%
Maximum range:	6 MILES from the AIR
Video Format:	PAL, NTSC
Current Consumption:	360 mA / 12 V
Antenna:	Omni Dipole recommended
Antenna Connector:	SMA
Impedance:	50 ohms
Video Connector:	Hirosi connector
Video Impedance:	75 ohms
Video level:	1 V
Audio input:	300 mV
Temperature Range:	-40 +75* C
Dimensions:	2.5" X 1.5 " X 0.75"
Weight:	50 grams
Modulation:	WFM

Receiver Technical Specifications	
Operating Frequencies:	4950-6200 MHz
Frequency Step:	500 kHz/1 MHz
DC Voltage:	9 V – 12 V
Sensitivity:	-88 dBm
Minimum required voltage:	7 V
Battery power:	12 V
Video distortion:	2%
Maximum range:	N/A
Video Format:	PAL, NTSC
Current Consumption:	300 mA / 12 V
Antenna:	N/A
Antenna Connector:	SMA
Impedance:	50 ohms
Audio output:	300 mV
Video/Audio Connectors:	Hirosi connector
Video Impedance:	75 ohms
Video level:	1 V
Temperature Range:	-10 +65 °C
Dimensions:	2.8" X 1.5 " X 0.75"
Weight:	50 grams
Video preemphasis network:	No
Demodulation:	WFM
Note: this receiver is not using preemphasis video network, it would work only with special transmitters: SDX-58B, SDX-58H	