



DX-1 & R-820 SPECIAL SINGLE CHANNEL VIDEO TRANSMITTER & RECEIVER PAIR 2,400 MHz



New 2.3 GHz Transmitter and Receiver are fully synthesized single channel items (2,300 MHz). The RF power output power is 1-5 mW. They are great for low range communication up to 30-100 ft LOS or experiments.

Technical Specifications	DX-1 Transmitter
Operating Frequency:	2,300 MHz (different frequency available on request)
Channels:	Single channel
Channel selection:	N/A
DC Voltage:	9-12 V
RF output power:	1-5 mW / 50 ohms
Minimum required voltage:	3 V
Battery power:	3.5V
Frequency stability:	+/-200 kHz/ h
Video distortion:	3%
Maximum range:	50-80 ft LOS
Video Format:	PAL, NTSC
Current Consumption:	10 mA / 3V
Antenna:	Attached
Video level:	1 V
Video Impedance:	75 ohms
Audio input:	N/A
Temperature Range:	-40 +75* C
Dimensions:	2.8" X 1.5" X 0.75"
Weight:	1 gram
Modulation:	WFM

Technical Specifications**R-820 Receiver**

Operating Frequencies:	2300 MHz- 2400 MHz
Channel:	#4
DC Voltage:	6 V- 12 V
Sensitivity:	-85 dBm
Minimum required voltage:	6 V
Battery power:	6 - 12 V/ 500 mA
Video distortion:	3%
Video Format:	PAL, NTSC
Current Consumption:	500 mA / 9 V
Antenna:	Recommended high gain, omni directional ant.
Antenna Connector:	SMA F
Impedance:	50 ohms
Video output Connector:	Mini
Video Impedance:	75 ohms
Audio output:	300 mV
Carrier frequencies for audio channels:	6 MHz
Temperature Range:	-5 +50* C
Dimensions:	4.8" X 2.8" X 0.8"
Weight:	212 grams
Demodulation:	WFM