



# S-900

## COMPLETE RACING UHF WIRELESS SYSTEM

### 900 MHz AM



900 MHz complete wireless TV system S-900 is an excellent solution for car racing. It comes with a high power video transmitter 10 W, receiver RM-900B, dipole antenna and panel antenna 8 dB gain. This system is excellent to send a broadcast quality video signal over 6 km. The range in open area is much greater. This system is available in 2 different channels.

Technical Specifications	S-900 Transmitter
Operating Frequency:	900 MHz-927 MHz
Channels:	2
Channel selection:	External
DC Voltage:	12 V
RF output power:	10 W / 50 ohms
Minimum required voltage:	12 V
Battery power:	12 V - 14.4 V
Frequency stability:	+20 ppm
Video distortion:	3%
Maximum range:	15 km with directional antennas 11 dB
Video Format:	PAL, NTSC
Current Consumption:	4 A / 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:	2 lb
Modulation:	Negative AM

<b>Technical Specifications</b>	<b>S-900 Receiver</b>
Operating Frequency:	900 MHz-927 MHz
Number of Channels:	12
Channel selection:	External
Current Consumption:	350 mA / 12 V
DC Voltage:	12 V
Sensitivity:	-92 dBm
Minimum required voltage:	12 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