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# TX-500/7

## LONG RANGE MOBILE UHF VIDEO TRANSMITTER & RECEIVER PAIR

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Transmitter model TX-500/7 is fully synthesized audio/video transmitter for 500 MHz UHF band.. It comes with a special receiver M-500R. The RF power output is over 7 W.. This video sender transmits a clear picture miles away. 12 V DC operation, 1.5A. Video only. Sold exclusively to Government agencies or Military forces.



Dimensions:

Transmitter 4.3 " X 2.3 " X 1.2 "

Receiver 3.25" X 3.0" X1.1"

Transmitter Technical Specifications	
Operating Frequencies:	916.6 MHz, 906 MHz
Channel:	# 1, 2 (508 MHz, 516 MHz)
DC Voltage:	12 V – 14.4 V
RF power:	7000 mW (7 W)
Minimum required voltage:	9 V
Battery power:	12 V
Video distortion:	5%
Maximum range:	5000 ft los +
Video Format:	PAL, NTSC
Current Consumption:	1480 mA / 12 V
Audio input:	N/A
Antenna Connector:	BNC
Impedance:	50 ohms
Video Connector:	RCA F
Video Impedance:	75 ohms
Video level:	1 V
Temperature Range:	-20 +75* C
Dimensions:	5.0" X 4.0 " X 1.2"
Weight:	250 grams
Modulation:	WFM

Receiver Technical Specifications	
Operating Frequencies:	508 MHz, 516 MHz
Number of channels:	2 (internally selected)
DC Voltage:	7 V-12 V
RF power:	N/A
Minimum required voltage:	7 V
Battery power:	12 V
Video distortion:	2%
Sensitivity	-89 dBm
Video Format:	PAL, NTSC
Current Consumption:	300 mA / 12 V
Antenna:	N/A
Antenna Connector:	BNC
Impedance:	50 ohms
Audio level:	300 mV output RCA
Video Connector:	RCA F
Video Impedance:	75 ohms
Video level:	1 V
Temperature Range:	-40 +75* C
Dimensions:	3.25" X 3.0 " X 1.1"
Weight:	200 grams
Modulation:	WFM