

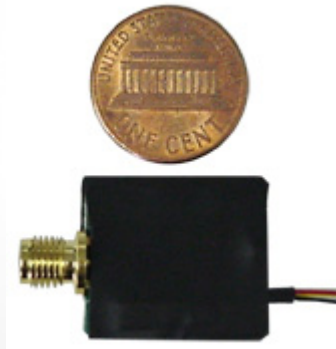
# 2.4 GHz

## MX-6000 VIDEO TRANSMITTER

This is definitely the World's smallest 2.4 GHz video transmitter 1 W RF power made for special applications. This transmitter comes in 4 single channels in 2.4 GHz range. This unit can be used in the wide temperature range -20°C up to 75°C! The range is app. 8 km line-of-sight from the AIR.

### *DEFINITELY THE WORLD'S SMALLEST HIGH POWER VIDEO TRANSMITTER FOR "FLYING" MODEL*

#### **FEATURES:**



- 2.4 GHz Band
- 1 W RF power
- Smallest and lightest transmitter 1W
- SMA antenna connector
- Low voltage, 5 V battery operated
- Audio/ video inputs
- Broadcast picture quality
- Very long range
- Recommended receiver VRX series

Technical Specifications	MX-6000
Operating Frequencies:	2300 MHz- 2500 MHz
Channel:	Single channels from 1-4 (5-8)
DC Voltage:	5 V!
RF power:	1000 m W
Minimum required voltage:	5 V DC
MAXIMUM VOLTAGE:	6.5 V DC
Video distortion:	2%
Maximum range:	8 km from the AIR
Video Format:	PAL, NTSC
Current Consumption:	460 mA / 5 V
Antenna:	Omni Dipole recommended
Antenna Connector:	SMA
Impedance:	50 ohms
Video Connector:	RCA F or open wire
Video Impedance:	75 ohms
Video level:	1 V
Audio input:	300 mV
Temperature Range:	-40 +75* C
Dimensions:	0.8" X 0.7 " X 0.35"
Weight:	6 grams
Modulation:	WFM



# MX-6000 RATINGS

Please make sure that your unit has enough supply DC power. This transmitter requires dc voltage of 6 V. Minimum voltage is 5.0 V. Absolute maximum voltage is 6.8 V!!!) Do not change polarity! RED WIRE IS POSITIVE (+) BLACK WIRE is NEGATIVE (-) Never connect unit to power without antenna! This transmitter accepts any video signal (PAL or NTSC) even CMOS cameras without modification. Video input is BROWN wire, audio input is WHITE wire,, Recommended antenna is mobile type MT-58. This transmitter is a new design and it is REALLY powerful, measured saturated RF power 1079 mW PEP max. RF power is 1180 mW. The transmitter has high efficiency and current consumption is app. 425mA/ 5.5 V. Please use this transmitter only with our receivers. If transmitter used with antenna with low performance you might experience interferences. Use only antennas with low VSWR<1.2.  
In case that you experiencing some problems please call us first to 416 486-7440, ask for tech. support; please send a fax to 775 261-8168 in order to obtain an RMA number.

WARRANTY VOID IF MODIFIED!

Unit tested  
Toronto, 29.10.06.

## WIRE CONNECTIONS:

**RED WIRE POSITIVE +5.5 V DC**  
**BLACK WIRE NEGATIVE -, COMMON,**  
**BROWN WIRE VIDEO INPUT**  
**WHITE WIRE AUDIO INPUT**

CHANNEL SETUP:

**SET ON CH 6 (2,433 MHz)**



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