

The EV-TX-2000 Series Audio/Video Transmitters

The *EV-TX-2000* series, including the EV-TX-2400, are an FCC Part 90 (license required) approved analog wideband FM audio/video transmitters for integration. The transmitters are available in an output power ranging from 10mW up to 750mW. They can accept a wide voltage ranges and the transmitters are easy to integrate. A tight manufacturing process allows for easy assembly and/or replacement and use. The units are available in two-channel or four-channel models. Optional audio capability enhances the robust nature of the units. Interfacing easily with the EV-RX-2400 series of video receivers lends to a cost effective, high performance system. Contact K&A Wireless with your application and let us be your next solutions provider.



General Specifications for the EV-TX-2000 Series

STANDARD FEATURES	
Operating Frequency Range	2450-2483.5 MHz
Number of Channels	2 channel (2458, 2474 MHz)
Modulation	Direct Wideband FM
Video Input	75 ohm – 1Vp-p
Antenna Connector	50 ohm MMCX, female
Video Format	NTSC/PAL/SECAM
Pre-emphasis	CCIR 405-1
FEATURES OF EV-TX-2000-xxx	
Input Voltage	4-24 Volts
Output Power (-xxx determines power level on order)	10mW-750mW (+10 to +28dBm)
Power Consumption @ 750mW	2.6W (200mA@12V)
Dimensions	2.92"x1.3"x0.3"
FEATURES OF EV-TX-2400-xxx (mini)	
Input Voltage	5 Volts
Output Power (-xxx determines power level on order)	10mW-500mW (+10 to +27dBm)
Power Consumption @ 500mW	1.5W (typical)
Dimensions	1"x1"x0.5"
OPTIONAL FEATURES	
Audio In	0dBV @ 100% deviation
Number of Channels	4-channels
Video termination (specify upon order)	Terminated or un-terminated