

The DTRAN-900 Wireless Data Transmission System

The DTRAN-900 is a frequency-hopped spread spectrum wireless data transmission system operating at 900 MHz. The system is designed for outdoor use and is provided with user-friendly software to adjust various parameters of the system for improved reliability, flexibility and security in transmission. The DTRAN-900 is capable of handling any RS-232, RS-422 or RS-485 device operating at fixed baud rates between 2400 and 19.2K baud. The system is FCC Part 15 approved and is capable of an output power ranging from 1mW for short-range applications to 1W for long-range applications. The DTRAN-900 can be used in conjunction with any 2.4GHz video transmission system from K&A Wireless to provide a bi-directional video/data communication link to control a remotely located pan-tilt-zoom surveillance camera. Contact K&A Wireless with your specific application and let us be your next solutions provider.



General Specifications for the DTRAN-900

Operating Frequency Range	900-928 MHz
Data Format	RS-232, RS-422, or RS-485
Modulation	Frequency-Hopped Spread Spectrum
Programmable Data Rates	2400bps to 19.2Kbps (Software Selectable)
RF Output Power	1mW - 1W (Software Selectable)
Transmitter/Receiver Antenna	Dipole - Female RP-TNC
Input Voltage	9 - 14V (12V typical)
Max. Current Consumption Transmitter	100mA @ 1mW (600mA @ 1W)
Max. Current Consumption Receiver	85mA
Dimensions	4.5"x3.5"x2.25"