



Mini Safari™

High Power CW Transmitter

Portable meets Powerful

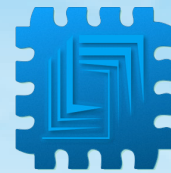


The Mini Safari™ CW transmitter is a hand-held high-power signal generator particularly engineered for field applications such as propagation studies, small cells planning, DAS testing and coverage mapping

This 5-Watt transmitter is available in two different forms; either single-port or dual-port. The 2 ports are identical and each port covers the full range of frequency bands from 150 MHz to 2700 MHz with 5 Watt output power and delivers 2 Watt output power at the 3.5 GHz band.

The field-proven RF generator is easily operated via its built-in touch keypad & LCD display and its enclosure provides IP 65 protection rating against water and dust when the lid is closed during operation.

The system is based on Consultix award-winning WTX transmitter that achieved remarkable success globally and has been the preferable choice for hundreds of customers since 2011 due to its field-convenience, wide-band operation and cost-efficiency.



CONSULTIX

Specifications		
	Mini Safari™-1	Mini Safari™-2
Frequency Bands	150 to 3700 MHz	
Frequency Resolution	100 KHz (1 KHz Optional)	
Frequency Accuracy	2 ppm. (typ. 1 ppm)	
Frequency Aging per Year	1 ppm	
Modulation Type	CW (Continuous Wave)	
Maximum Output Power	37 dBm; 150 to 2700 MHz 33 dBm; 2700 to 3500 MHz 31 dBm; 3500 to 3600 MHz 29 dBm; 3600 to 3700 MHz	
Minimum Output Power	0.1 Watt	
Amplitude Accuracy	± 1 dB (Typ. ±0.5dB) *	
Stability	±0.5 dB + 0.1 dB/ °C *	
Amplitude Resolution	1 dB or 1 W (Select with Order)	
Spectral Purity Phase Noise	-60 dBc/Hz @ 10 KHz Offset	
Max. Power Consumption	150 Watts	
No of RF Ouputs	1	2
RF Output Port	N-female	
RF Port(s) Impedance	50 Ω	
External DC input	28 VDC (Circular 4 pins connector)	
Power Supply	Included external AC/DC Adapter: 100-240V AC, 50-60 Hz	
External Dimensions	300 x 250 x 140 mm	
Weight	4 Kg	
Enclosure	Ruggedized Plastic Hard Case	
VSWR Protection	10:1	
Operating Temperature	-10 to +50 C	
Cooling	Forced Air	
Display	LCD	
Control	Touch Keypad	
Ordering Information		
Portable heavy-duty CW transmitter; single-port 150 to 3700 MHz, Max. output power (29 to 37 dBm). N-female connector, LCD display, touch keypad, IP 65 protection rating, AC and DC powered. Including; AC/DC adapter and user manual	Mini Safari-1	
Portable heavy-duty CW transmitter; dual-port (each 150 to 3700 MHz), Max. output power (29 to 37 dBm). N-female connector, LCD display, touch keypad, IP 65 protection rating, AC and DC powered. Including; AC/DC adapter and user manual	Mini Safari-2	
RF cable; 6m, 400 - 5800 MHz, overall Loss 1.5 dB @2.4GHz, Type-N male to Type-N male.	Safari-Acc-CNN-6	
Omnidirectional DAS Antenna; 380 to 960 MHz & 1.4 to 6 GHz, (3.1 / 7.0 dBi), N female connector	WTX-Acc-DA1	
Non-metal Tripod; 4.8 m (188 in.), folds down to 1.3 m (51 in.) including antenna mounting plate.	WTX-Acc-5LT	

* Parameter specified after warm-up time @ temperature 25 - 30°

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