



## Mini Safari™ High Power CW Transmitter

Portable meets Powerful



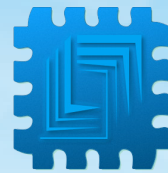
The Mini Safari™ CW transmitter is a hand-held high-power signal generator particularly engineered for field applications such as propagation studies, small cells planning, DAS testing and coverage mapping.

This portable transmitter is available in two different versions; 10-Watts or 5-Watts. The 5 Watt version comes as a single-port model (Mini safari-1) or a dual-port model (Mini safari-2). 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 10 Watt model (Mini Safari-1CB) comes as a single port transmitter delivering 10 Watts across the whole frequencies from 600 to 4200 MHz, hence covering public safety bands, cellular bands reaching out to the C-Band with 1 device.

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**

<b>Specifications</b>			
	<b>Mini Safari™-1</b>	<b>Mini Safari™-2</b>	<b>Mini Safari-1CB</b>
Frequency Bands	150 to 3700 MHz		600 to 4200 MHz
Frequency Resolution	100 KHz (1 KHz Optional)		1 KHz
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		40 dBm (10 Watts)
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	1
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		450 x 430 x 260 mm
Weight	4 Kg (9 lbs)	4.5 kg (10 lbs)	9 Kg (20 lbs)
Enclosure	Ruggedized Plastic Hard Case		
VSWR Protection	10:1		
Operating Temperature	-10 to +50 C		
Cooling	Forced Air		
Display	LCD		
Control	Touch Keypad		
Standard Package	Transmitter, AC/DC adapter, user manual and calibration certificate		

### 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.	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.	Mini Safari-2
Portable heavy-duty CW transmitter; single-port 600 to 4200 MHz, Max. output power 10 Watts, N-female connector, LCD display, touch keypad, IP 65 protection rating, AC and DC powered.	Mini Safari-1CB
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°

#### Find us:

Building 57A, 2nd district, 6th area,  
El-Teseen st.11835, New Cairo, Egypt.  
+2 02 25647370 info@consultixwireless.com

**DAstronix**  
www.dastronixusa.com

877-711-1757  
sales@dastronixusa.com