

# New High Power 5G CW C-BAND & CBRS Mini Safari Transmitter from Consultix now available from DAstronix USA

*The Mini Safari CW™ Transmitter is a hand-held high-power signal generator engineered for field applications for propagation studies, and small cell planning.*


ORALNDO, FLORIDA, UNITED STATES, May 5, 2021 /EINPresswire.com/ -- Consultix the leader in CW Transmitter is ready for all the new Cellular Frequency bands being deployed. This portable transmitter is available in two different versions, 10-Watts or 5 Watts. The 5 Watt version comes in 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 frequency bands from 150 MHz to 2.7 GHz with 5 Watt output power and delivers the necessary 2 Watt output at the 3.5 GHz band to support the CBRS Class A deployments.

The new 10 Watt model (Mini-Safari-1CB) comes as a single port transmitter delivering 10 Watts across the whole frequency from 600 MHz to 4.2 GHz to cover the new C-BAND blocks A-B-C. Just in time for the Carriers Block A test trials starting in selected key areas. Hence you can now cover Public Band Safety Bands, All Cellular with one device.


The system is based on Consultix flag ship transmitter WTX-35B series that has dominated the 1, 2 and (the only 4 Port DAS transmitter) available in the market. The GUI is very user friendly for which thousands of customers having being using for years of use.

It's IP 65 rating will protect against water and dust when the lid is close during operation. With all the feature this series was built for cost efficiency in mind.

We encourage all the Carriers, 3 PO's and all of its General Contractors to put this series to the



**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.

**New Mini Safari C-Band, CBRS High Power CW Transmitter up to 10 Watts**

test.


DAstronix USA is here to support you with various purchase, rental and lease to own options for your Telecom Test Equipment needs.




CW transmitters up to 4 Ports 4G, 5G mm-Wave Small Cell, Walk, Drive receivers, Fiber Optic T&M for DAS, ODAS, IBW, CBRS, CBAND, LTE, and DAS Monitoring via a cloud based troubleshooting tool."

*Sam Valdivia*

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Specifications	Mini Safari™-1	Mini Safari™-2	Mini Safari-1CB
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 Outputs	1	2	1
RF Output Port	N-female		
RF Ports 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		
<b>Ordering Information</b>			
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 & 1.41 to 9 GHz, (3.1/7.0 dB), N-female connector			WTX-Acc-DA1
Non-metal Tripod; 4.8 m (15.8 in.), folds down to 1.3 m (51 in.) including antenna mounting plate.			WTX-Acc-SLT
* Parameter specified after warm-up time @ temperature 25 - 30°			
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<a href="http://www.consultixwireless.com">www.consultixwireless.com</a>			

**C-BAND & CBRS Configurations and Specifications**

Phone: (877) 715-1757 [In](#)

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**Latest Edition**  
With best-in-class output power up to 33 dBm EIRP for AT&T and Verizon bands



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**24GHz - 40GHz**  
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**DAS**tronix USA Full Line of RF CW Transmitters, Microwave and Fiber Optic Test Equipment Lines

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