

New Consultix Safari NexG High Power 2 Port CW Transmitter to address all Cellular, PS, BRS, CBRS and the new C-Band

Mobile Technology is Changing at the Speed of Light, it's hard to keep up with the new DAS, 5G, Private Networks spectrums to be tested, we have the solution.

ORLANDO, FLORIDA, UNITED STATES, April 11, 2022 /EINPresswire.com/ -- The New Consultix Safari CW NexG™ Transmitter is a portable high-power signal generator, engineered for field applications such as model tuning, candidate cell-site assessment now supporting existing and new Cellular, Public Safety, PCS, AWS, BRS, CBRS, and C-Band up to 30 watts.


The instrument comes in dual-port form. Each port covers a wide range of frequency bands to allow users to mix several bands from 600 MHz up to 4.2 GHz in one unit.

The field proven RF generator is easily operated via its built-in touch keypad & LCD display. The RF modules are characterized by their full protection against RF open/short and over-temperature.

Additionally, the full instrument is unique for its 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 which 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.

To find the exact configuration for your needs refer to our specifications chart on page two and three of the data-sheet.

Any questions or would like to do an evaluation, contact DAstronix P # 877-711-1757 or



CONSULTIX

Safari™ NexG . High Power CW Transmitter
Portable meets Powerful

Safari™ NexG CW transmitter is a portable high-power signal generator, particularly engineered for field applications such as outdoor model tuning, candidate cell-site assessment as well as multi-band high-power DAS testing.

The instrument comes in dual-port forms. And each port covers a wide range of frequency bands to allow users to mix several bands from 600 MHz up to 4200 MHz in one unit. The field-proven RF generator is easily operated via its built-in touch keypad & LCD display. And the RF modules are characterized by their full protection against RF open/short and over-temperature. Additionally, the full instrument is unique for its 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 which 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.

New Consultix NexG Dual Port High Power CW Transmitter

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Specifications	Safari™NexG-2CM	Safari™NexG-2WH	Safari™NexG-2CH	Safari™NexG-2CC
Frequency Bands	Port 1 : 600 to 4200 MHz Port 2 : 3000 to 4000 MHz	Port 1: 600 - 2700 MHz Port 2: 3400 - 3700 MHz	Port 1 : 600 to 4200 MHz Port 2 : 3400 to 3700 MHz	Port 1 : 600 to 4200 MHz Port 2 : 600 to 4200 MHz
Frequency Resolution	100 KHz			
Frequency Accuracy	2 ppm (typ. 1 ppm)			
Frequency Aging	1 ppm / year			
Modulation Type	CW (Continuous Wave)			
Max. RF Power (Port1)	43 dBm : 600 to 2700 MHz 41.5 dBm : 2700 to 3300 MHz 43 dBm : 3300 to 3500 MHz 41.5 dBm : 3500 to 4000 MHz 40 dBm : 4000 to 4200 MHz	43 dBm : 600 to 2700 MHz	43 dBm : 600 to 2700 MHz 41.5 dBm : 2700 to 3300 MHz 43 dBm : 3300 to 3500 MHz 41.5 dBm : 3500 to 4000 MHz 40 dBm : 4000 to 4200 MHz	43 dBm : 600 to 2700 MHz 41.5 dBm : 2700 to 3300 MHz 43 dBm : 3300 to 3500 MHz 41.5 dBm : 3500 to 4000 MHz 40 dBm : 4000 to 4200 MHz
Max. RF Power (Port2)	42 dBm : 3000 to 4000 MHz	45 dBm : 3400 to 3700 MHz	45 dBm : 3400 to 3700 MHz	43 dBm : 600 to 2700 MHz 41.5 dBm : 2700 to 3300 MHz 43 dBm : 3300 to 3500 MHz 41.5 dBm : 3500 to 4000 MHz 40 dBm : 4000 to 4200 MHz
Min Output Power	37 dBm			
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)			
Phase Noise	< 65- dBc/Hz @ 10 KHz offset			
Spurious	-50 dBc to -60 dBc			
Power Consumption	300 Watts	350 Watts	350 Watts	350 Watts
No. of Ports 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	530 x 430 x 230 mm			
Weight	15 Kg (33 lbs)			
Enclosure	Ruggedized Plastic Hard Case			
Protection	RF open, short and over temperature			
Operating Temp	-10 to +50 C			
Ingress Protection	IP65 (Lid Closed)			
Cooling	Forced Air			
Display	LCD			
Control	Touch Keypad			

New Consultix NexG Dual Port High Power CW Transmitter Side by Side Specifications

	
Ordering Information	
Portable heavy-duty CW transmitter; dual-port: Port1: 600 to 4200 MHz, Max. power 20 Watts (43 dBm). Refer to band levels Port2: 3000 to 4000 MHz, Max. power 16 Watts (42 dBm). N-female connector, LCD display, touch keypad, protection mechanism for RF open/short and over-temperature, IP 65 protection rating (lid closed), AC and DC powered. Including: AC/DC adapter and user manual	Safari™NexG-2CM
Portable heavy-duty CW transmitter; dual-port: Port1: 600 to 2700 MHz, Max. power 20 Watts (43 dBm) Port2: 3400 to 3700 MHz, Max. power 30 Watts (45 dBm). N-female connector, LCD display, touch keypad, protection mechanism for RF open/short and over-temperature, IP 65 protection rating (lid closed), AC and DC powered. Including: AC/DC adapter and user manual	Safari™NexG-2WH
Portable heavy-duty CW transmitter; dual-port: Port1: 600 to 4200 MHz, Max. power 20 Watts (43 dBm). Refer to band levels Port2: 3400 to 3700 MHz, Max. power 30 Watts (45 dBm). N-female connector, LCD display, touch keypad, protection mechanism for RF open/short and over-temperature, IP 65 protection rating (lid closed), AC and DC powered. Including: AC/DC adapter and user manual	Safari™NexG-2CH
Portable heavy-duty CW transmitter; dual-port: Port1: 600 to 4200 MHz, Max. power 20 Watts (43 dBm). Refer to band levels Port2: 600 to 4200 MHz, Max. power 20 Watts (43 dBm). Refer to band levels. N-female connector, LCD display, touch keypad, protection mechanism for RF open/short and over-temperature, IP 65 protection rating (lid closed), AC and DC powered. Including: AC/DC adapter and user manual	Safari™NexG-2CC
Optional Accessories	
RF cable; 6m, 400 - 5800 MHz, overall Loss 1.5 dB @2.4GHz, Type-N male to Type-N male	Safari-Acc-CNN-6
RF cable; 18m, 400 - 5800 MHz, overall Loss 4.2 dB @2.4GHz, Type-N male to Type-N male	Safari-Acc-CNN-18
Omni-directional antenna; 698 -960 MHz & 1710- 2180 MHz & 2200 - 2700 MHz, 100 Watt, Gain >1.2 dBi, VSWR < 1.8:1	Safari-Acc-OHA727
Outdoor Omni-directional antenna; 900 MHz Band, 25 Watt, Gain 4 dBi, VSWR 2:1, Type N-female	Safari-Acc-OA9
Outdoor Omni-directional antenna; 1800 MHz Band, 25 Watt, Gain 5 dBi, VSWR 2:1, Type N-female	Safari-Acc-OA18
Outdoor Omni-directional antenna; 1710 - 2170 MHz, 25 Watt, Gain 6 dBi, VSWR < 2:1, Type N-female	Safari-Acc-OA21
Outdoor Omni-directional antenna; 2500 - 2700 MHz, 25 Watt, Gain 6 dBi, VSWR 2:1, Type N-female	Safari-Acc-OA26
Outdoor Omni-directional antenna; 3400 - 3700 MHz, 25 Watt, Gain 9 dBi, VSWR 2:1, Type N-female	Safari-Acc-OA35-9
Non-metal Tripod; 3.2 m (125 in.), Folds down to 2.0 m (78 in.), 1.1m Collapsed, < 7 Kg. Including antenna mounting plate	WTX-Acc-3LT
Non-metal Tripod; 4.8 m (188 in.), Folds down to 2.0 m (78 in.), 1.1m Collapsed, < 10 Kg. Including antenna mounting plate	WTX-Acc-5LT

New Consultix NexG Dual Port High Power CW Transmitter Ordering Information

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