



1-WATT PORTABLE TRANSMITTER

The Iguana™ is a 1-watt stimulus transmitter used for indoor coverage testing. The Iguana is ideal for LAN set-up and evaluating network performance. It is available as a CW transmitter or, on certain models, with digital modulation. In a typical application, one or more Iguanas are placed throughout an area of interest and set to transmit on different channels. Measuring and recording field strength is then done by using one of BVS' portable signal strength meters such as Champ, Fox, Mongoose or Ultra-Lite.



FEATURES:

- Completely self-contained module design
- Dynamically adjustable power control from 1 milliwatt to 1 watt output
- Precision output held to within ± 0.5 dB
- Super bright 128 x 128 graphic LCD with backlight for viewing in all light conditions
- Includes rudimentary modulation (on certain models)

13 STANDARD FREQUENCIES AVAILABLE:

- | | |
|---|--|
| ■ Paging 450-470 MHz | ■ Cellular GSM forward 935-960 MHz |
| ■ SMR 850-870 MHz | ■ ISM 900-928 MHz |
| ■ Cellular EAMPs reverse 824-848 MHz | ■ Paging 928-941 MHz (optional POCSAG modulation) |
| ■ Cellular EAMPs forward 868-894 MHz (optional modulation available) | ■ PCS reverse 1850-1910 MHz |
| ■ Cellular ETACs forward 915-947 MHz (optional modulation available) | ■ PCS forward 1930-1990 MHz |
| ■ Cellular ETACs reverse 872-905 MHz | ■ PCS Korean 1805-1865 MHz |
| | ■ ISM 2400-2485 MHz |

The Iguana™ is just one of many exceptional design solutions from Berkeley Varitronics. Call us today for more information:

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**BERKELEY
VARITRONICS
SYSTEMS**

IguanaTM 1 WATT PORTABLE TRANSMITTER

SPECIFICATIONS

- Frequency Range 13 models covering all popular telecom bands
- Frequency Step Size 12.5, 25, 30, or 50 kHz (depending upon model)
- Frequency Stability ± 2.0 ppm (short term) 30° to 125° F
 ± 0.5 ppm (aging maximum for 1 year)
- Modulation (optional) FSK Manchester modulation or A1 (CW) or POCSAG paging
- Modulation Modes Holding tone 1004 Hz
SAT tones 5970, 6000, 6030 Hz
End tone 10 kHz
- Output Power 0.0 dBm to 30.0 dBm ± 0.5 dB
- Passband Flatness ± 0.5 dB maximum
- Power Steps ± 0.5 dB
- Output 50 Ω with N Female
- Output VSWR <2:1
- Output Load VSWR >100:1
- Display 128 x 128 graphic LCD
- Backlight LED back lit
- Controls Direct enter via 14 button keypad
Rotary optical encoder (push to choose)
- AC Power 110 VAC 50-60 Hz @ 1 amp
- Weight 5 pounds
- Size 12" x 8" x 5"

