

Lizard™

INDOOR MICROCELL

1 WATT STIMULUS TRANSMITTER



Lizard™ is a compact, battery-powered 1 watt CW (Continuous Wave) stimulus transmitter housed in a ruggedized case. Lizard's lightweight, small footprint and user interface make it the ideal candidate for indoor microcell network verification, installation and evaluation. In a typical application, one or more Lizards are placed throughout an area of interest and set to transmit on different channels while engineers "walk-through" the area with scanning receivers such as Berkeley's Coyote™ or Mongoose™. The Lizard™ has dynamically adjustable output from

...the ideal candidate for indoor microcell network verification, installation and evaluation.

1 milliwatt up to 1 watt from either its onboard keypad/LCD interface or via an included infrared remote control. Standard removable Makita 9.6 V Ni-MH batteries ensure continuous, remote operation. The Lizard™ has become the field engineer's transmitter of choice when portability, reliability and utility top the list of demands.

- Lizard is perfect for positioning antennas and setting power levels.*
- Multiple Lizards placed throughout a building will effectively simulate an indoor network.*
- Adjustable power from 1 milliwatt up to 1 watt with ± 1 dB accuracy.*
- Lizard's remote control allows toggling of transmit, output power & frequency.*

FEATURES:

- Ruggedized, self-contained design
- Dynamically adjustable power control from 1 mW to 1 Watt
- Infrared remote control adjusts output power & frequency
- Bright 128 x 128 graphic LCD with backlight
- Standard Makita removable Ni-MH 9.6 V battery system
- Light-weight design is ideal for "stick-up" applications
- Precision output held to within ± 1 dB

■ Cellular ■ LMR ■ SMR ■ ISM ■ PCS ■ WiMAX ■ iDEN ■ Paging

Available Frequencies:

Call us today for more information:
TOLL FREE 1-888-737-4287 / Fax: (732) 548-3404
www.bvsystems.com
sales@bvsystems.com

 **BERKELEY
VARITRONICS
SYSTEMS®**
Clarifying RF
Providing wireless solutions for over 35 years.

w w w . b v s y s t e m s . c o m

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FREQUENCY RANGES:

LMR 450-470 MHz
SMR 850-870 MHz
Cellular EAMPs reverse 824-848 MHz
Cellular EAMPs forward 869-894 MHz
Cellular ETACs forward 915-947 MHz
Cellular ETACs reverse 872-905 MHz
Cellular GSM forward 935-960 MHz
ISM 900-928 MHz
Paging 928-941 MHz
PCS reverse 1850-1910 MHz
PCS forward 1930-1990 MHz
PCS Korean 1805-1865 MHz
ISM 2100-2170 MHz
ISM 2400-2485 MHz
WiMAX 2.5-2.7 GHz



Lizard™ includes all the necessary accessories for truly portable studies including remote control, standard Makita® 9.6V battery and fast charger.

GENERAL SPECIFICATIONS:

Frequency Range	15 models covering all popular telecom bands
Frequency Step Size	12.5, 25, 30, 50 or 200 kHz (depending upon model)
Frequency Stability	± 2.0 ppm (short term) @ 30 to 125 degrees F ± 0.5 ppm (aging maximum for 1 year)
Output Power Range	0.0 dBm to 30.0 dBm
Output Power Accuracy	± .5 dB maximum
Power Steps	0.5 dB monotonicity guaranteed
Output	50 ohms with TNC female connector
Display	128 x 128 graphic LCD
Controls	Direct entry via 14 button keypad Rotary dial (push to enter)
DC Power	Internal (removable) Ni-MH 9.6 V External DC power supply via 2.5mm slip jack
Charger	1 hour external Ni-MH fast charger @ 110 VAC

MECHANICAL:

Weight	5 pounds with battery
Size	6.5" W x 8.25" L x 3.5" D

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