



OCTOPUS Cellular Signal Meter Installation Guide

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OCTOPUS™

CELLULAR SIGNAL METER INSTALLATION TOOL



**SCAN ALL CARRIERS AND
SORT BY RSRP, RSRQ,
RSSI, EC/IO, CARRIER OR
FREQUENCY**

← BACK	ALL 4G	📶	🔋
CARRIER	FREQ MHz	RSRP dBm	RSRQ dBm
AT&T	739.0	-9.0	-77
AT&T	1935.0	-6.0	-87
VERIZON	751.0	-9.0	-90
T-MOBILE	2140.0	-11.0	-92
AT&T	1967.5	-8.0	-92
VERIZON	887.5	-10.0	-95
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**CONNECT DIRECTLY TO ALIGN
ANTENNAS INSTANTLY**



**CHOOSE BY CARRIER
OR SCAN ALL NEARBY
4G LTE OR 3G UMTS**

**OPTIONAL
DIRECTION
FINDING
ANTENNA
AVAILABLE**



**OPTIMIZE EV CHARGING
NETWORK INSTALLS**

**TOUCHSCREEN NAVIGATION ALLOWS
FOR INSTANT MEASUREMENT OF ALL
NEARBY CELLULAR BASE STATIONS**



**WATCH VIDEO FOR STEP-BY-STEP
CELL BOOSTER INSTALLATION TIPS**

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Cellular Signal Meter Installation Tool

4G BANDS SUPPORTED: B12 / B17 (700), B2 (1900), B5 (850), B13 (700), B4 (AWS 1700)

3G BANDS SUPPORTED: B2 (1900), B13 (700)

RECEIVER MODES: Passive only (does not transmit nor require a SIM card)

4G LTE MEASUREMENTS: RSRP, RSRQ, RSSI

3G UMTS MEASUREMENTS: RSCP, EC/IO

GENERAL SPECIFICATIONS:

Antenna: Multi-band SMA 50 ohm

Controls: Color touchscreen

USB Port: Firmware updates (support@bvsystems.com for more info)

Alerts: Audible beeps and vibrations

Warm-Up Time: < 1 minute

Runtime: >10 hours on a full charge

Power: Internal Li-Po battery system 12V jack for external power & charging dock

Display 320 x 240 resistive LCD touchscreen

Weight: 1 lb.

Dimensions: 5.5" H x 3" W x 1.25" L

INCLUDED ACCESSORIES:

Rugged Carrying Case AC Charging Dock

(1) Omni-Directional Multi-Band SMA Antenna

OPTIONAL ACCESSORIES:

DF Antenna: Direction Finding Antenna

Also handy for the following installations:

New Octopus Pro Kit includes rugged transport case and direction finding antenna for pinpointing distant cellular networks



Octopus can be charged via it's own cradle or Mini USB



	Fire Safety Alert Systems
	EV Charging Stations
	Ridesharing Services
	Vending Machines
	Security Alarm Systems
	Utility Networks



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References

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[Manuals+](#).