



1st to 5G Antennas

Ideal for

- Emergency Comms
- Wireless Internet Access (Primary & Failover)
- Operation of Dual Sims
- High Speed/High Quality Video Transmission

BloodHound High Capacity Emergency Mobile Hot Spot

Up to 13 in 1



- 8X8 MIMO LTE
- 4x4 MIMO WI-FI
- GPS/GNSS
- 5G Ready

Features

- PORTABLE CASE
- 5G
- WI-FI 6
- 617MHz - 5925MHz*
- HIGH EFFICIENCY
- HIGH PERFORMANCE

*See inside for details



Product Description

The Bloodhound Emergency Hot Spot is a large IP67-rated case with built-in antennas that are optimized for the extra thick (3.5mm) plastic used in industry strength cases. Both sets of LTE and Wi-Fi antennas were designed for maximum performance even in remote areas where the cellular infrastructure may have been compromised. Parsec has taken the unique approach to design all antennas to fit safely into the lid of the case reducing damage and loss of performance due to hard use.

The Bloodhound is configurable up to a 13 in 1 with up to 2 sets of 4X4 MIMO LTE, 4X4 MIMO Wi-Fi and GPS/GNSS capable of running dual SIM's simultaneously. This 5G-ready, 600 MHz-6 GHz antenna is both portable and IP67 rated.

The Bloodhound is configurable as a standard antenna only format, or a fully dressed out and ready for deployment version that includes a router baseplate, cover and cable management already installed. Router, SIM and optional battery purchased separately.

Parsec's complete design includes fans and exhaust ports for extended temperature operation.



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Operation Time

- Chargetech 54k Battery: 20 - 24hrs

Frequency Ranges

LTE Frequency Range

- 617 - 894 MHz
- 1710 - 2700 MHz
- 3300 - 4000 MHz
- 5150 - 5925 MHz

Wi-Fi Frequency Range

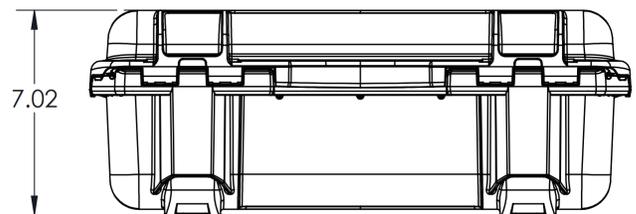
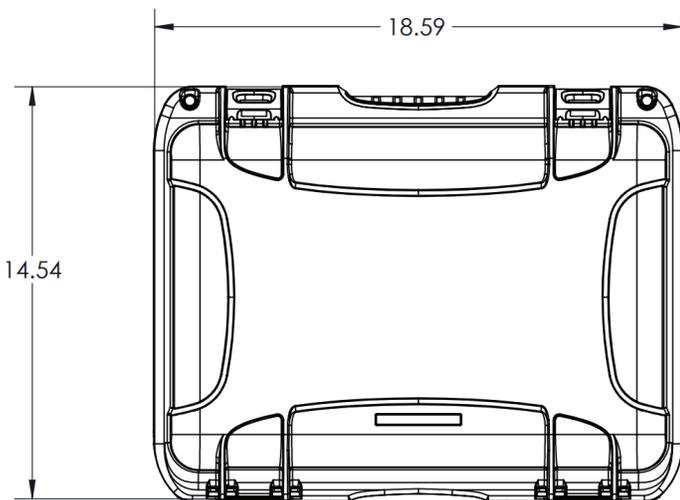
- 2400 - 2483.5 MHz
- 4900 - 5900 MHz

Specifications

5G*/4G/LTE Bands (US Carriers)

AT&T	2, 4, 5*, 12, 14, 17, 29, 30, 46, 48, 66, 77*
Verizon	2*, 4, 5*, 13, 46, 48, 66*, 77*
T-Mobile	2, 4, 12, 25, 26, 41*, 48, 66, 71*, 77*
Mechanical	
Dimensions	18.59" x 14.54" x 7.02"
Internal Dimensions (LxWxH)	17" x 11.8" x 6.4"
RF Cable Length	18 inch pigtail
Environmental	
Operating Temperature	-40°C to 85°C
Ingress Protection	IP67

Product Dimensions



Product Images



Back View



Front View



Left View



Right View

Electrical Specifications

ID	Port	Parameters	Units	Typ.
Radiated Efficiency	LTE-1 thru 8	617 – 698 MHz		70
	LTE-1 thru 8	698 – 894 MHz		80
	LTE-1 thru 8	1710 – 2200 MHz		85
	LTE-1 thru 8	2200 – 2700 MHz		70
	LTE-1 thru 8	3300 – 4000 MHz	%	50
	LTE-1 thru	5150 – 5925 MHz		50
	GPS	1575.42 MHz		80
	WiFi-1 thru 4	2400 – 2483.5 MHz		85
	WiFi-1 thru 4	4900 – 5900 MHz		70
Peak Gain	LTE-1 thru 8	617 – 698 MHz		2
	LTE-1 thru 8	698 – 894 MHz		4
	LTE-1 thru 8	1710 – 2200 MHz		7
	LTE-1 thru 8	2200 – 2700 MHz		7.5
	LTE-1 thru 8	3300 – 4000 MHz	dBi	7.5
	LTE-1 thru 8	5150 – 5925 MHz		8.5
	GPS	1575.42 MHz		6
	WiFi-1 thru 4	2400 – 2483.5 MHz		7
	WiFi-1 thru 4	4900 – 5900 MHz		8.5
Return Loss (50 Ω)	LTE-1 thru 8	617 – 698 MHz		8
	LTE-1 thru 8	698 – 894 MHz		9
	LTE-1 thru 8	1710 – 2200 MHz		12
	LTE-1 thru 8	2200 – 2700 MHz		7
	LTE-1 thru 8	3300 – 4000 MHz	dB	5
	LTE-1 thru 8	5150 – 5925 MHz		7
	GPS	1575.42 MHz		12
	WiFi-1 thru 4	2400 – 2483.5 MHz		13
	WiFi-1 thru 4	4900 – 5900 MHz		9
Isolation	LTE-1 thru 4	617 – 894 MHz		22
	LTE-1 thru 4	1710 – 2700 MHz		20
	LTE-1 thru 4	2200 – 2700 MHz		20
	LTE-1 thru 4	3300 – 4000 MHz		24
	LTE-1 thru 4	5150 – 5925 MHz		30
	LTE-5 thru 8	617 – 894 MHz		12
	LTE-5 thru 8	1710 – 2700 MHz	dB	16
	LTE-5 thru 8	2200 – 2700 MHz		17
	LTE-5 thru 8	3300 – 4000 MHz		18
	LTE-5 thru 8	5150 – 5925 MHz		30
	Adjacent LTE	617 – 894 MHz		8
	WiFi	2400 – 2483.5 MHz		20
	WiFi	4900 – 5900 MHz		25
	Polarization	LTE, WiFi		dBi
GPS				RHCP
Max Input Power	LTE, WiFi		Watts	5
GNSS Preamp Gain	GPS		dB	28
GNSS Preamp Voltage	GPS		V	2.2 to 5.0
RF Connectors	LTE, GPS			SMA(M)
	WiFi			RP-SMA
RF Cable Type	LTE, WiFi			RG316
	GPS			LSR100

- Notes:**
1. LTE-1 thru 4 are grouped together for one modem with LTE-5 thru 8 connected to the other modem.
 2. Isolation and return loss spec. does not include cable loss.
 3. The antenna has 2 ft. long RG-58 pigtailed.

Notes: *Battery, router, and SIM card are not included.* Customers should contact Parsec's authorized Distributors and VAR's listed on our website for a full list of routers and other options that will complete the Emergency Hot Spot.

SMA connectors have a max torque of 3-5 inch lbs.

Case is a Nanuk 925.



Ordering

Our Bloodhound Antenna consists of a Protective Case with the antenna built into the lid.

Configurations	Part Number	Description
13:1	PRO13BH8L4WG	8 LTE, 4 Wi-Fi, GPS, black case with antenna built into lid
13:1	PRO13BH8L4WG-L	8 LTE, 4 Wi-Fi, GPS, black case with antenna built into lid with AC power option (see Antenna Options for description).
13:1	PRO13BH8L4WG-G	8 LTE, 4 Wi-Fi, GPS, black case with antenna built into lid with DC power option. (see Antenna Options for description).

Part Number Key

Part number example of a 13:1 Bloodhound antenna, black: PRO13BH8L4WG

Description	Abbreviation	Part Number
All PRO Series	PRO	PRO
Number of antennas in housing/configuration	13:1	PRO13
Antenna abbreviation for Bloodhound	BH	PRO13BH
Number of LTE Elements	L	PRO13BH8L
Number of Wi-Fi Elements	W	PRO13BH8L4W
Number of GPS Elements (usually only 1 GPS per antenna, therefore we simply list G and no number)	G	PRO13BH8L4WG
Optional "Loaded" - includes the below options	-L	PRO13BH8L4WG-L
Battery option -G included in the options below.	-G	PRO13BH8L4WG-G

**Custom case colors and connectors are available. Please contact Parsec for more information.

Antenna Options

Description	Antenna Options		
	PRO13BH8L4WG	PRO13BH8L4WG-L	PRO13BH8L4WG-G
PRO13BH8L4WG	YES	YES	YES
Fan and Vent	NO	YES	YES
A/C Adapter	NO	YES	NO
USB Adapter	NO	YES	YES
4 X RJ-45 Connectors	NO	YES	YES
Top Cover	NO	YES	YES
Battery Tray	NO	NO	YES

Accessories

PRO13BH8L4WG-L	
Provided by Parsec	Ethernet Cord (4), USB Cord (1), Surge Protector (1)
To Be Purchased By The Customer	<ul style="list-style-type: none"> -Additional ethernet cords (4) if required -Power cord for case* -Router and power supply for router -SIM card -Additional USB cord

PRO13BH8L4WG-G	
Provided by Parsec	Ethernet Cord (4), USB Cord (1), Surge Protector (1)
To Be Purchased By The Customer	<ul style="list-style-type: none"> -Additional ethernet cords (4) if required -Power cord for case* -Router and power supply for router -SIM card -Chargetech 54k AC Battery Pack** -Additional USB cord



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