

SPECIFICATIONS



IOT GLOBAL RADIOS



HDR Communications
28045 N Ashley Circle, Suite 108
Libertyville IL, 60048



	Charger current	1000mA	
	Charging Time	≤ 3 Hours	
Sound	Microphone	1	
	Line-Control earphone	YES	
	Speaker	YES	
	Speaker PA	YES	
Antenna	LTE Main antenna	Rod	
	Auxiliary antenna	FPC	
	WIFI/BT	FPC	
	GPS/BD	ceramic chip antenna	
Operating temperature		-20°C to 60°C	



SD card slot		Micro SD	
Bluetooth		4.0 LE, class 2	
GNSS		GPS, Glonass, Beidou (supports A-GPS)	
Screen	Resolution		
Dimensions (Without antenna)		4.3"x 2.2"x 1.2"	
Weight (Including battery and antenna)		7.4 oz	YES
Camera (Optional)	Pixels	800W	We also have a without camera version.
	Focus type	AF	

Memory	ROM	8GByte	With camera version
	RAM	1GByte	
Memory	ROM	4GByte	Without camera version
	RAM	512MByte	
Keypad	Normal	MENU key, Back key, Direction key, Confirm key, HOME key.	
	Numeric key	NO	virtual
	Side key	PTT key, M1, M2	
	Top key	Combination Knob: Long press to power on /off. Rotate to adjust the volume.	
Battery	Type	Li-polymer	
	Capacity (mAh)	4,000 mAh	



Specifications

Items		Details	Note
CPU	Modem	Qualcomm MSM8909	
	Technology	A7	
	Basic Frequency	1GHz	
Operation system		Android based OS (5.1.1)	
Frequency bands	L811 (Europe/Asia)	<ul style="list-style-type: none"> ■GSM: Band2/3/5/8 ■WCDMA: Band1/2/5/8 ■TDD-LTE: Band38/40 ■FDD-LTE: Band1/2/3/5/7/8/20/28 	Frequency bands can be customized.
	L817 (North America)	<ul style="list-style-type: none"> ■GSM: 850MHz,1900MHz ■WCDMA: Band1/2/4/5/8 ■FDD-LTE: Band2/4/5/7/12/13/17/25/26 	
	CAT 4	TDD CAT4, FDD CAT4	
LTE	802.11b/g/n, 2.4GHz		
Wi-Fi		Green, Red, Yellow	
LED		1W	
Speaker		8 ohm	
Mic		Omni directional	
SIM		Single Micro SIM	
Connectivity		3.5mm Audio. SMA antenna. USB-C for programming and charging.	

Model No.: BBGR



Features:

1. WIFI compatible, Android based device.
2. Unlimited talking distance, 2G/3G/4G compatible.
3. Radio type LTE Push-To-Talk over cellular.
4. Private Call/Group Call.
5. GPS navigation, radio track playback, Visualization management platform Visualization dispatch platform.
6. 1.77 inch color screen.
7. Multiple encryptions.
8. IP54 waterproof.