

BM200M

1. (Frequency Range):2408~2468MHz.
2. (Type of Modulation):GFSK.
3. (Channels):16
4. (Occupied Bandwidth):4MHz.
5. (Channel Separation):4MHz.
6. (RF Output power): <21dBm.
7. (Antenna type):Dipole Antenna.(2dBi)
8. (Data rate):4M/bps Max.
9. Frequency hopping NO.: Select 1 channel from the 16 channel.
- 10、 Power :DC 5V by Adapter.

DC 3.7V by 2500mAh Li-ion battery.

Frequency hopping spread spectrum (GFSK) system works by hopping from one. In the product work, a channel is selected to communicate with it. When the current channel is operated by the outer environment, the next channel is randomly selected to communicate with it. The sequential hops is no any order can follow, is completely random.

Pseudorandom Frequency Hopping Sequence Table as below:

Channel: 02, 10, 05, 09, 16, 07, 03, 08, 12,15 , 01, 11, 04, 13, 14, 06.

The system receiver have input bandwidths that match the hopping channel bandwidths of their corresponding transmitters and shift frequencies in synchronization with the transmitted signals.

11 、 Channel List

Channel List					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
01	2408	07	2432	13	2456
02	2412	08	2436	14	2460
03	2416	09	2440	15	2464
04	2420	10	2444	16	2468
05	2424	11	2448		
06	2428	12	2452		