The Lierda Antilost Module is designed based on TI CC254X chip. The Module has PCB-integrate antenna, and adopts SMT attachment interface. Its operation voltage input is at $2.0 \sim 3.6 \text{ V}$ (classic 3.3 V). Low power input may cause communication failure and over power may damage device. Its operating frequency is at $2402 \sim 2480 \text{MHz}$. and it has an emission power at $-23 \text{dBm} \sim 4 \text{dBm}$, giving a transmission distance up to 30m. The module has low power consumption, a compact size and have high resistance to disturbance.