

RFID vs NFC



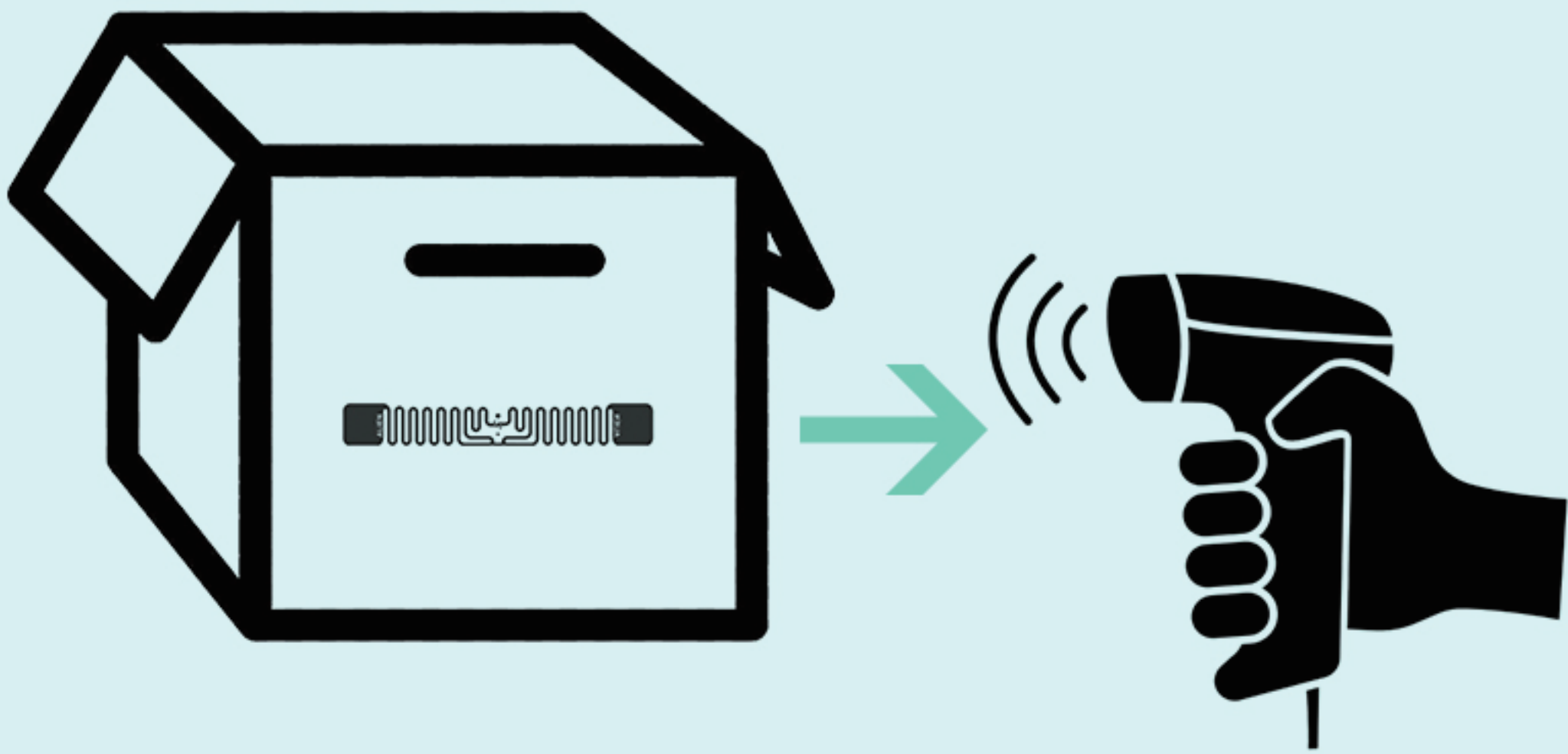
Short for Radio Frequency Identification, one of automatic identification technology.



Short for Near Field Communication, a new technology, originated from RFID.

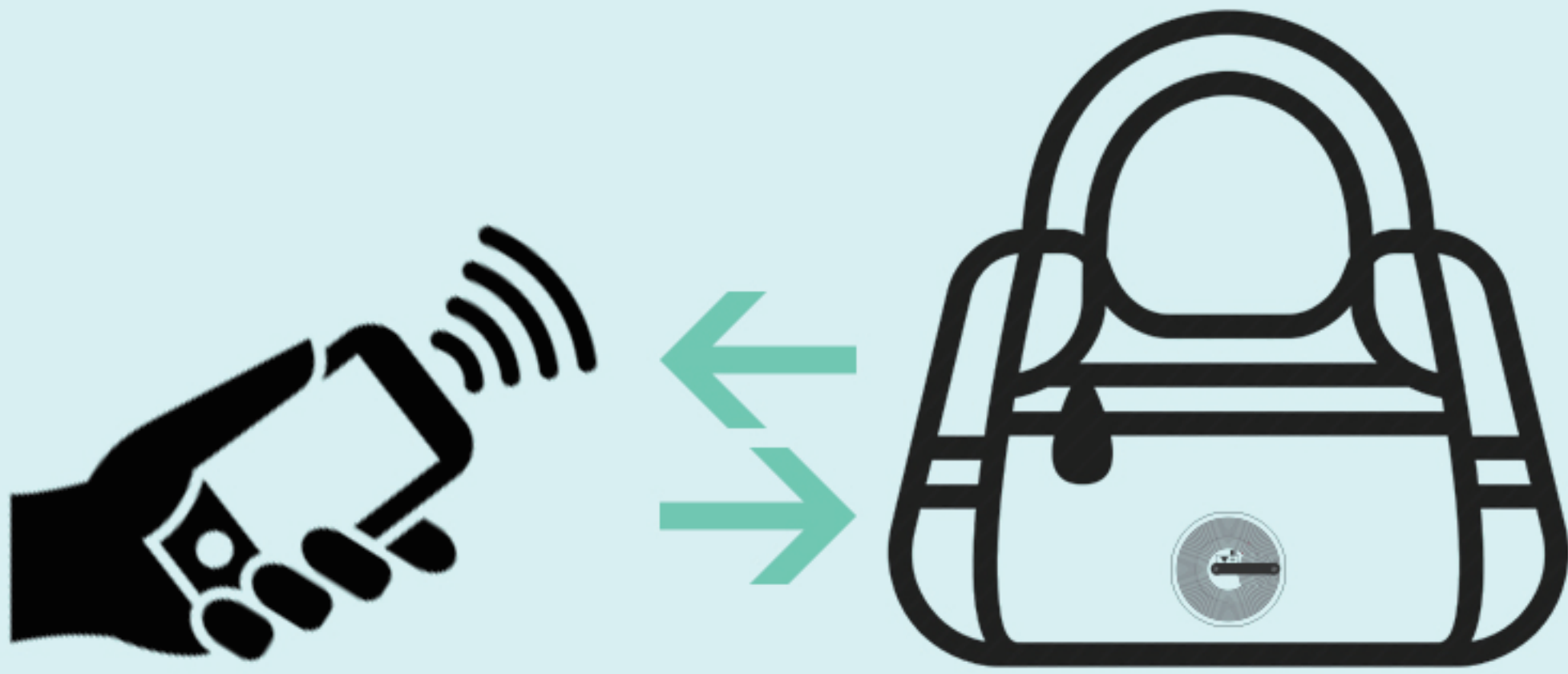
Read Range

Passive: 1-10m
Active: 10-100m



Read Range

0 cm- 10cm



| | RFID | nfc |
|---------------------|--|--|
| Main Feature | <div><ul style="list-style-type: none">-Wide applicability-Can read multiple tags simultaneously-High efficiency-Uniqueness-Long reading distance-Tags transmit and read data</div> | <div><div><ul style="list-style-type: none">-Short distance-High bandwidth-Low energy consumption-Compatible with RFID</div><div><ul style="list-style-type: none">-High safety-Peer-to-peer-Tags transmit data</div></div> |
| Frequency | <div><div>LF: 125 kHz</div><div>HF: 13.56MHz</div><div>UHF:860~960 MHz</div></div> | <div>13.56MHz</div> |
| Popular Application | <div><ul style="list-style-type: none">-Asset Management-Inventory Management-Animal Tracking-Parking Management-Vehicle Tracking-Production Management-Logistics Tracking</div> | <div><ul style="list-style-type: none">-Mobile payment-Electronic ticketing-Access control-Mobile identity identification-Anti-counterfeiting</div> |