Assignment 1 Basic Knowledge

1. **RFID系统的基本组成是什么？简述RFID系统分类的方法。**

**Answer:**

1. Tag, Reader and Antenna.
2. According to RFID system operating frequency can be divided into LF,HF,UHF; According to RFID tags active and passive, RFID systems can be divided into: active, semi-active and passive three types.
3. **RFID读写器的基本组成和功能是什么？有哪些常用的结构形式？**

**Answer:**

1. RFID Antenna, Reader RF interface module, Reader Logic Control Module; Can through the radio signal recognition target and read-write related data, but does not need recognition system and the target between the establishment of mechanical or optical contact. RFID read-write through the antenna and RFID electronic label carries on the wireless communication, can realize to the label recognition code and the memory data read out or write operation. RFID read-write can recognize the movement object, and once can recognize more than one tag.
2. Commonly used RFID reader form is divided into fixed type RFID reader and handheld type RFID reader.