

Disadvantages of Wireless Sensor Networks

Elementrix Classes

- ❑ **Limited communication range:** Many sensors have a limited communication range, which can make it difficult to transmit data over long distances or through physical barriers.
- ❑ **Limited energy resources:** Sensors in a network often rely on batteries or other limited energy sources, which means that energy efficiency is a critical concern in sensor network design.
- ❑ **Limited computational resources:** Many sensors have limited processing power and memory, which can make it challenging to perform complex tasks or store large amounts of data.
- ❑ **Interference:** Sensor networks can be susceptible to interference from other electronic devices or environmental factors, which can affect the accuracy and reliability of the data being collected.

- ❑ **Security:** Sensors are often deployed in remote or unsecured locations, which can make them vulnerable to tampering or attacks.
- ❑ **Maintenance:** Sensor networks can be complex systems that require regular maintenance to ensure that they are operating correctly.

पढ़िए और पढ़ाइये

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