

Research on the composition and structure of smart parking lots based on IoT technology and current service models

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Abstract: In the context of rapid urbanization, effective parking lot management is becoming urgent. This topic focuses on researching the components and structure of smart parking lots based on IoT technology, aiming to build a system that supports optimizing parking space usage through modern service models. The approach includes combining theoretical analysis with experimentation to evaluate the system's performance and deployability. The topic is expected to make a significant contribution to the field of smart parking management, providing sustainable solutions for urban areas.

Keywords: IoT, smart parking, service model