ClevercitiSensor

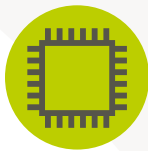# Realtime, accurate detection of available parking spaces

Cleverciti is the only intelligent parking management solution that harnesses the power of sophisticated edge computing, artificial intelligence and deep learning to accurately detect available parking spaces in realtime. This information assists leaders in both the public and private sectors in streamlining parking management, better serving customers and the general public, and helping solve some of the most urgent challenges facing organizations today.

ClevercitiSensor has streamlined parking operations for clients across the globe. The sensor solution can cover up to 100 parking spaces and is easily installed on existing infrastructure, such as lamp posts, buildings or masts. The plug-and-play architecture can easily be relocated as needs change. With a range of up to 400 meters and up to 320 degrees, Cleverciti Sensors measure the exact GPS position and the size of open parking spaces. Purpose-built for parking operations, the sensors are fully compliant with privacy regulations — no video leaves the sensors and all image processing occurs within the sensor itself.

Rapid data capture
Each sensor can monitor up to 100 parking spaces and data is updated every three seconds.

Edge Computing
Processing occurs within the sensor itself, ensuring privacy while minimizing bandwidth costs.

High reliability
Callibrated to perform even in extreme weather and low-light conditions

Secure Wireless Transmission
Flexible wireless connectivity options including WIFI, 3G, 4G, LTE, and 900 MHz. All data transmissions are fully encrypted.

Sensor

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