Parking Sensor Technologies

At Parking Logix we like offering our customers options, but we also only like offering the smartest, most affordable solutions to meet your needs. That's why we did a thorough analysis of the top most used parking sensor technologies available. And we chose the three most versatile, effective, and affordable ones to create our parking counting platforms.

		Magnetic Sensors	LIDAR/Laser	AI Camera	Infrared	Ultrasonic
Parking Environment	Indoor: Off street	✓	✓	✓	✓	✓
	Outdoor: On-street/ At grade	✓	✓	✓	✗	✗
Sensor Accuracy	For individual parking spots	★★★★★	★★★★⯪	★★★★★	★★★★★	★★★★☆
	For area count solutions	★★★★★	★★★★★	★★★★☆	N/A	★★★★☆
External Impact on Sensor Accuracy	Affected by lighting conditions	No	Yes	Yes	No	No
	Affected by adverse weather conditions	No	Yes	Yes	Yes	No
	Affected by vehicle color	No	Yes	No	No	No
	Affected by other vehicle characteristics	No	No	No	No	Yes
Maximum Detection Range Per Sensor (feet)		3	45	150+	12	30
System Cost		$$	$$$	$$$	$$$$$	$$$$$

At **Parking Logix**, we took the **best parking technologies** available and made them even **smarter** to create solutions that **optimize wayfinding** and parking occupancy f**or your lots**.

Our systems can all be installed in a matter of hours and require no lot closures or parking interruptions.

OpenSpace Magnetic Sensors - Installed in speed humps or embedded at entry and exit points, the magnetic sensors keep count of vehicles in your lot to keep drivers and management aware of how many spots are available. Magnetic sensors can also be installed in parking spaces to keep count of individual parking spots.

OpenSpace LIDAR/Laser Sensors - Mounted on your parking lot ceiling, pole, or wall, the LIDAR/laser system uses lasers and directional logic to detect when vehicles back up, tailgate, enter, or exit your lots. They can count vehicles in one direction or bidirectionally. This system offers plug-n-play convenience and excellent accuracy.
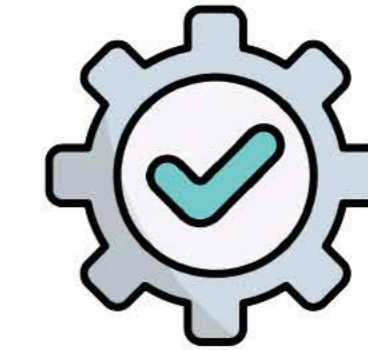
OpenSpace AI Cameras - While AI single space camera technology can be cost-prohibitive, the OpenSpace AI Camera system offers a more affordable option that offers single space camera technology for high value parking spots such as ADA or EV parking. It can be used in conjunction with any of our other

COUNT
OpenSpace sensors keep count of available parking spots using your choice of magnetic sensors, LIDAR/laser, or AI cameras. Get highly accurate counts for a fraction of the cost of single space systems.

CONTROL
Logix on Cloud gives you detailed analytics and reporting. It allows you to access data and control settings such as designating space minimums, resetting counters, and more via the web-based platform.

COMMUNICATE
Data is instantly available on variable messaging signs outside your lots or campus. Share data via our Parker app, your own website, or your choice of 3rd party parking apps.

LOT	SPACES
LOT 1	3
LOT 2	FULL
EV	1
ADA	1

LOGIX ON CLOUD

Your data, wherever, and whenever you need it.

Logix on Cloud offers **detailed parking analytics**, **reports**, and **statistics** right at your fingertips. **Access accurate real-time** or historical vehicle counts anytime from **any web-connected device**.

Enhance parking space utilization for maximum efficiency

Optimize profitability by tailoring pricing to meet demand

Boost revenues by leveraging parking usage

Gain actionable insights for informed parking management decisions

Parker Mobile

The Logix on Cloud API helps you connect your parking data to other systems in real time. Share parking occupancy data on your company's website or make availability data for your lots accessible in the parking app of your choice.

The Parking Logix Parker Mobile App provides parkers with instant live occupancy data for your parking lots. App users can see the total number of spaces in the lot of their choice as well as how many are currently vacant.