# Spike by ●ike GPS



11'6"
1'6"
17.25ft²
1'6"
11'6"

## Spike is the world's first laser accurate Smartphone measurement solution

Spike allows you to quickly measure locations for signage by capturing the width, height, and area of a space - simply by capturing a photo from your Smartphone or Tablet. The Spike device, Spike mobile app, and your Smartphone or Tablet all work together.

## Save time • Cut costs • Increase revenue

| SAVE MONEY | MAKE MONEY |
|---|---|

**SAVE MONEY**

- Capture measurements of available area or existing sign during site surveys without the need for ladders, expensive labor, bucket trucks, or cranes. Keep installation and service trucks busy on current and not potential jobs

- Save on fuel costs by having sales staff travel in cost efficient vehicles, and having them take photos and measurements with Spike while meeting with the potential customer

- Cut customer acquisition costs on average by more than 50%

- Open the Spike photo anytime to modify or take additional measurements

**MAKE MONEY**

- Turn around quotes and estimates 1-2 days earlier, or in some cases, in less than 1 day

- Sales staff can take on more bids because they don't depend on additional labor, bucket trucks, or cranes to take measurements for estimates

- Grow customer base by bidding ahead of competitors, taking on more complicated jobs, and sharing photo verification with estimates
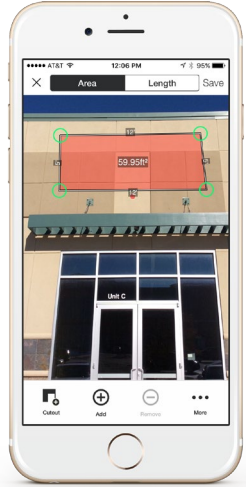
- Increase customer confidence through photo evidence

**YOUR SMARTPHONE**
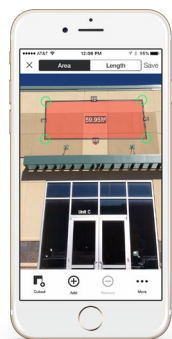


**SPIKE APP**

**SPIKE DEVICE**

# KEY FEATURES

## Capture measurements from a photo

Once on site, capture photos of the available space or existing sign using your Smartphone or Tablet and Spike. When taking measurements for signs, you are often at an angle from the area where the sign will be placed. To collect accurate measurements, correct the angle with the Spike alignment rectangle. By drawing a rectangular shape on the surface of your object, you are correcting the perspective of the surface.

Once you have completed the alignment rectangle step, you can draw measurements on the photo such as area, height, width, length and distance using the Spike app. These measurements can be used to create estimates, design mockups, assess installation needs, and complete permit applications.

## Share captured photos and data

All measurements are saved with the photo, and can be exported as a JPG, PDF, or Spike File (XML) with customers, designers, or coworkers. The Spike file is a compressed .ZIP file, which contains the high resolutions Spike photos and XML file with measurements.

A photo can also be exported to the online, cloud-based tools. By uploading a photo to the cloud, you can view, edit, measure, and download Spike photos using your browser. You can easily access your original photo at any time via the Spike app or your browser to view or remeasure the photo.
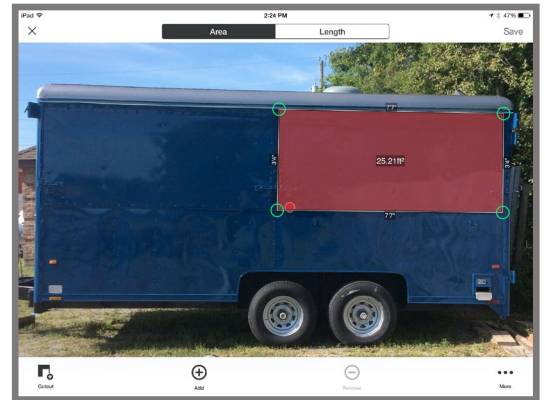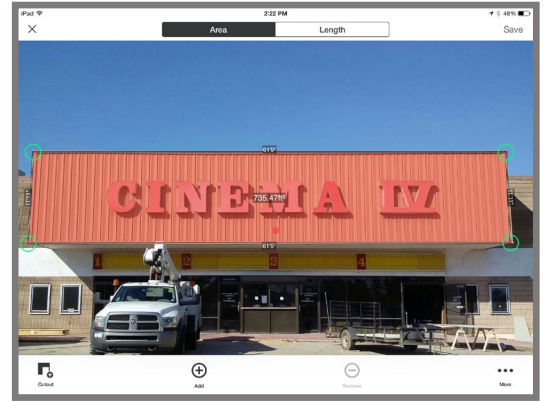
# BASIC TECHNICAL SPECIFICATIONS

The Spike device pairs with your Smartphone or Tablet via Bluetooth. Spike's laser rangefinder works jointly with your Smartphone's camera, GPS, compass, and connection to the Internet.

| | |
|---|---|
| Device and OS* | iOS 8.0+ & Android 4.4+ / Smartphone or Tablet |
| Size and Weight | 3.30in (h) x 2.35in (w) x .82in (d) / 2.05 ounces |
| Battery | Internal Li-ion battery |
| Connectivity | Bluetooth Smart 4.0 – Bluetooth low energy |
| Range | 6 – 650 feet (2 - 200 meters) |
| Laser Accuracy | ± 3% (905nm, Class 1 eye safe laser) |
| Photo Measure Accuracy | ± 3% (if positioned perpendicular to target) |
| Units | Feet, Inches, Meters, Centimeters |
| Resolution | Dependent on Smartphone or Tablet digital camera |
| Output Formats | PDF, JPG, Spike File (XML), KMZ (HTML – Android Only) |

* For a list of supported devices, visit www.ikegps.com/support

Camera
Laser Rangefinder
3G/4G
WiFi
Compass

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