



**SICAMS®**, Single Camera Metrology System, is the Parker Maritime subsea metrology system. SICAMS® is the perfect tool for achieving dimensions under water.

Results received at site are very important to our clients, and the use of SICAMS® makes this possible.

SICAMS® was introduced in October 2007 for a 50 meters spool metrology. The time from request until we were on site was 4 days. Marking and image acquisition in field took 15 hours. The processing and calculation were done in 20 hours. The result was handed over to the Client at site.

Since year 2000 our photogrammetry subsea metrology system has been used to measure templates, jackets, risers, hubs, nodes, flanges, piles, manifolds, clamps, caissons, spools, propellers, funnels, shipwreck hull, structural dents, water pipes and more.

We have surveyed objects of more than 100 meters in length. Typical 3D accuracy is 1 part in 5.000. Accuracy of 1 to 30.000 can be achieved.

SICAMS® is a perfect tool for subsea metrology.

[Contact us](#) for a quotation for your next project.

## Features of SICAMS®

### Faster results

Time from field work to results is often critical to our clients. SICAMS® has reduced this time considerably. This enables us to produce results at site.

### Improved accuracy

There are a number of factors involved in determining the accuracy for a photogrammetry subsea metrology project:

Image resolution, camera calibration, angles between photos, photo orientation quality, photo redundancy and target recognition.

The most important parameters that have been addressed in SICAMS® are the photo redundancy. The main factor is the possibility to use more photos to build the 3D model. SICAMS® enables us to use all the acquired images that passes the quality control.

### Increased reliability

In addition to the enhanced blunder detection and reporting tool built into the processing software, we have developed special quality control software for increased reliability of each point and the whole 3D model.

Being able to use more photos increases the reliability of each point.

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[SICAMS® brochure](#)

[www.parkermaritime.no](http://www.parkermaritime.no)