

ADVERTORIAL

CUES SPiDER

The SPiDER Scanner is the first wireless and color manhole inspection technology in a lightweight and compact form factor. SPiDER collects millions of three-dimensional (3D) measurements during each manhole inspection so the manhole can be measured to less than 5 mm accuracy. SPiDER weighs less than 30 pounds and can be hand carried to easements or other previously difficult to access sites. This portability is possible because the processing computer and battery supply are integrated into the scanner. Additionally, SPiDER does not require an inspection truck or other piece of equipment (other than the included tablet) for operational use.

The SPiDER is a scanner which can calculate its position in the manhole shaft by using its sensor data to measure its incremental motion. This technology frees inspections from problems associated with inaccurate, poorly calibrated cable counters and poorly

managed cables. The raw data is automatically post processed to a 3D point cloud that provides engineering and survey quality information on manhole geometry and condition that can be used for structural assessment, pre and post rehabilitation analysis (i.e. lining thickness), hydrological surveys, as well as general condition assessment.

SPiDER also provides live-video stream and recorded video making it an ideal tool for Infiltration and Inflow (I&I) studies which depend on live video to detect moving water.

According to CUES Manhole Inspection Division Director, Pierre Mikhail, the SPiDER scanner will provide a new outlook on how manhole data is collected and applied. "CUES has a long-standing reputation for innovation and excellence in manhole/ pipeline inspection and rehabilitation technology. It currently offers a range of tools from wireless hand-held pole mounted units to automated truck mounted units



that provide unsurpassed productivity in manhole inspection and measurement. The SPiDER scanner is the future of making intelligent choices and prioritizing investment decisions."

Contact CUES for a free demo today!
www.cuesinc.com
800.327.7791
salesinfo@cuesinc.com

3-D COLOR WIRELESS MANHOLE SCANNING

SPiDER

ACCURACY
<5 mm

SPEEDS
10 ft / min

WEIGHT
28 lbs

CABLE
none



The CUES SPiDER Scanner is the first wireless and color manhole inspection technology of its kind, built in a lightweight and compact form factor.

- The *only* COLOR 3-D point cloud manhole scanner
- Tablet-operated
- Weighs less than 28 lbs
- Creates a 3-D color CAD model of the manhole and a 360 degree video
- True wireless scanner (no power or data cable)
- Measure the manhole model with at least 5 mm accuracy
- Scanner operates at 10 ft/min

"The Standard of the Industry"



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