SDX-PocketScan

High-Accuracy 3D Site Documentation - Right from your Phone

SDX-PocketScan enables fast, simple, reliable as-built documentation with an end-to-end workflow from field capture to SDX-Cloud processing and CAD export.

Nothing Missed on Site

Reliable as-builts and proof of work, before the site changes

Easy for Field Crews

No surveying expertise needed for high-value capture workflows

Fast from Field to Office

Capture, upload, and process data in SDX-Cloud - access it minutes later

Capture → **Upload** → **Access** → **Deliver**

Perfect Fit For

Underground utilities and pipeline as-builts
Document trenches before backfill, reduce rework and disputes.

Civil construction progress capture
Capture site conditions fast, share updates with stakeholders.

QA / inspection documentation
Create verifiable records for handover and compliance.

Stockpiles / small surveys
Quick volumes and site snapshots when larger systems are overkill.

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Use Cases

The SDX-PocketScan is operated through the Sodex Mobile app and is available for download in the App Store on iOS.

LiDAR Scanning

Quick capture for smaller areas and rapid documentation.

FAST SCAN

Photogrammetry

Higher level of details and larger areas when precision matters.

DETAILED MODEL

Photogrammetry + GCPs

Add measured ground control points (GCPs) to your SDX-PocketScan photogrammetry captures to improve accuracy and repeatability across the whole project.

MAXIMUM ACCURACY

Workflow

Place GCPs

1 use a minimum of 3 GCPs (5 recommended)
distribute them evenly

Scan Area with SDX-PocketScan Photogrammetry

2 walk over the site using recommended walking patterns
hold phone in a rough 45° angle

Capture GCPs with SDX-PocketScan Pole Antenna

3 insert GNSS reciever into the Pole Antenna
accurately capture center of GCP

Upload and process in SDX-Cloud

4 upload data with a swipe
access it minutes later via SDX-Cloud

Work with Data in SDX-Cloud

5 benefit from many features
QA, export and share deliverables

The same GCP setup can also be used to prepare drone and photogrammetry projects for consistent site-wide control.

License Models

Pole

- unlimited use of the SDX-PocketScan with a pole for capturing points, lines areas

survey-style capture

Mapping

- everything in Pole
- unlimited scanning capabilities with the iPhone Pro's built-in LiDAR*

fast, everyday documentation

Mapping PRO

- everything in Mapping
- unlimited photogrammetry processing of image datasets uploaded to SDX-Cloud for the creation of point clouds
- GCP workflow supported

highest accuracy workflow

**photogrammetry as add-on available*

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