

# 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.



# 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 receiver 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*