

PIX4D × EMLID



MOBILE SCANNING KIT

Capture digital models in minutes
with survey-grade accuracy

Fully integrated Pix4D & Emlid solution

Complete field-to-office workflow

Lightweight and waterproof gear

Streamline your workflow from field to office

1. Capture accurate and geo-tagged data with your smartphone, the **Pix4Dcatch** app, and **Emlid Reach RX** for RTK precision.
2. Upload your scans to **PIX4Dcloud** or transfer images to the **PIX4Dmatic** desktop app for seamless processing.
3. Mark your assets on **PIX4Dsurvey** as vectors in the point cloud and export them as DXF (for CAD) or SHP (for GIS).

Sleek alternative to traditional laser scanning in a range of applications

Underground utilities

Create open trench models to document and calculate volumes accurately.

Construction

Monitor as-built progress with accurate and quickly captured 3D models.

Forensics

Build accurate 3D collision scenes and add detailed measurements in real-time.

Drone mapping

Supplement your drone mapping results with terrestrial data for objects hidden from the drone's view.



Choose the kit according to your post-processing flow




Standard

Scan your assets with your mobile phone, store online, annotate, measure and share with your stakeholders. Verify geolocated positions and visualize the project in Augmented Reality.

Hardware:

Reach RX and accessories

Software:

-  PIX4Dcatch
-  PIX4Dcloud
-  PIX4Dcatch training

Advanced

Advanced Pix4D software will help you analyze and extract insights from terrestrial and aerial data. Enjoy online and offline processing, advanced photogrammetry capabilities, team collaboration, AR for CAD overlays.

Hardware:

Reach RX and accessories

Software:

-  PIX4Dcatch
-  PIX4Dcloud Advanced
-  PIX4Dmatic
-  PIX4Dsury
-  PIX4Dcatch training

Reach RX and accessories

- 1 × Reach RX
- 1 × Emlid Scanning Handle
- 5 × Tags
- 1 × Type-C cable
- 1 × Leash
- 1 × Allen key 3 mm
- 1 × Carrying case



Pix4D & Emlid Scanning kit specifications

PIX4D SOFTWARE

License	1 year license for Pix4D software included
Device	Any iPhone, iOS version 16.0 or later
Cloud or desktop	Cloud- or desktop-only versions available

EMLID REACH RX

Precision	RTK	H: 7 mm + 1 ppm V: 14 mm + 1 ppm
Signals	GPS/QZSS L1C/A, L2C, GLONASS L1OF, L2OF, BeiDou B1I, B2I, Galileo E1-B/C, E5b	
Number of channels	184	
Update rate	5 Hz	
Autonomy	Up to 16 hrs	
Weight	250 g (8.81 oz)	
Ingress protection	IP68 (maximum depth of 1.5 meters up to 30 minutes)	
Input data format	RTCM3	
Input data protocol	NTRIP	
Position output	NMEA	

Contact details:

SCANNING KIT

Package	Plastic case
Kit weight	4300 g (9.48 lb)
Bottom thread	5/8"-11 UNC
Handle material	Polyamide 12
Handle weight	175 g (0.38 lb)
Handle dimensions	200x119x36 mm

Handle can be adopted for right and left hand usage.
SP connect smartphone case should be purchased separately.

For more information, visit