



IKE Office Pro

IKE Device

Field data collection device for field services who want a device that combines laser measurement, photography, and highly accurate GPS that enables precision measurement of utility poles.

Hardware sold as annual device subscription, works with IKE Office Pro



Core Benefits



Drive down collection cost per pole



Field hardened device with long battery life to support you all day in tough conditions



Eliminate data transcription time and errors with data on one device



Capture data quickly through customization and superior field staff training



50% time savings over two man crews



You're in Good Company



Device Specifications

Height of Attachment (with IKE Office Pro)

Accuracy	+/- 5cm RMS1
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GNSS

Constellations	GPS/GLONASS L1/L2	
Typical Horizontal Accuracy (R95)	SBAS	2m
	Standalone	1m
	RTK (IKE+ only)²	10cm
Typical Vertical Accuracy (95%)	RTK (IKE+ only)²	20 cm

Camera

Resolution	10 Megapixels within IKE Field application (2808 x 3744 pixels)
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Laser Range Finder

Class	Class 1M (IEC60825-1, 3rd Ed and Complies with 21 CFR 1040.10 and 1040.11)
Range	300m
Wavelength	905nm

Inertial Measurement Unit (IMU)

Magnetic Heading Accuracy	2° RMS
Pitch / Roll Accuracy	0.5° RMS

System

Memory & Data Storage	2GB DDR3 (RAM), 16 GB on-board NAND Flash, 32 GB micro SD Card3
Operating System	Android™ 10
LCD Touch Screen	5" (1280x720), sunlight readable, backlit, touchscreen
Connectivity	Wireless 802.11b/g (2.4GHz), 802.11a/n (5GHz), Bluetooth® 4.1 (low energy, smart)
Battery	Lithium-Ion Polymer, 3.7 V, 8200mAh (Internal) Operating Time, 8-10 hour battery life (*under typical usage) Charging Time, 4 hours to 80%, full charge 6 hours

Physical

Dimensions	65 mm (Height) x 96 mm (Width) x 265 mm (Length)	
Weight	904g/ 31.89oz	
Temperature Range	Operating:	-10°C to +60°C
	Storage:	-10°C to +45°C
Dust, Water Resistant	IP53	Ruggedized for outdoor use

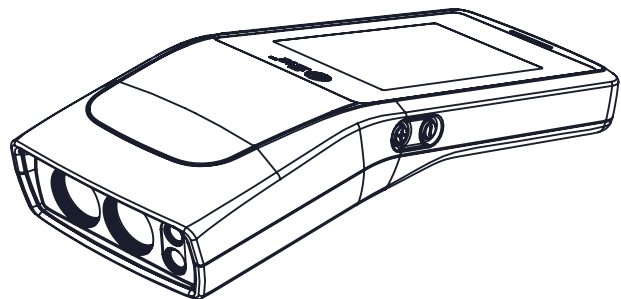
Accessories

Softcase	
Carry Case	
AC Charger Input	100 - 240 V AC, 50 - 60 Hz; USB output: 5.0V DC, 3A
Car Charger	12V lighter plug
USB-C Cable	Length 1m
Tripod	Max height 59in. non-magnetic
Offset Stick	Collapsible with 3' and 9' markers
Wire Gauge	Plastic, 19 wire sizes

Software

Android mobile apps for field collection. Data transferred to IKE Office Pro for editing, annotation and engineering services.

1 150 ft vertical pole, occupying 90% of vertical camera image
2 RTK connection requires data connection in the field, and RTK correction service
3 Not user accessible



Have questions? Reach out.

Sales

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Support

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support@ikegps.com

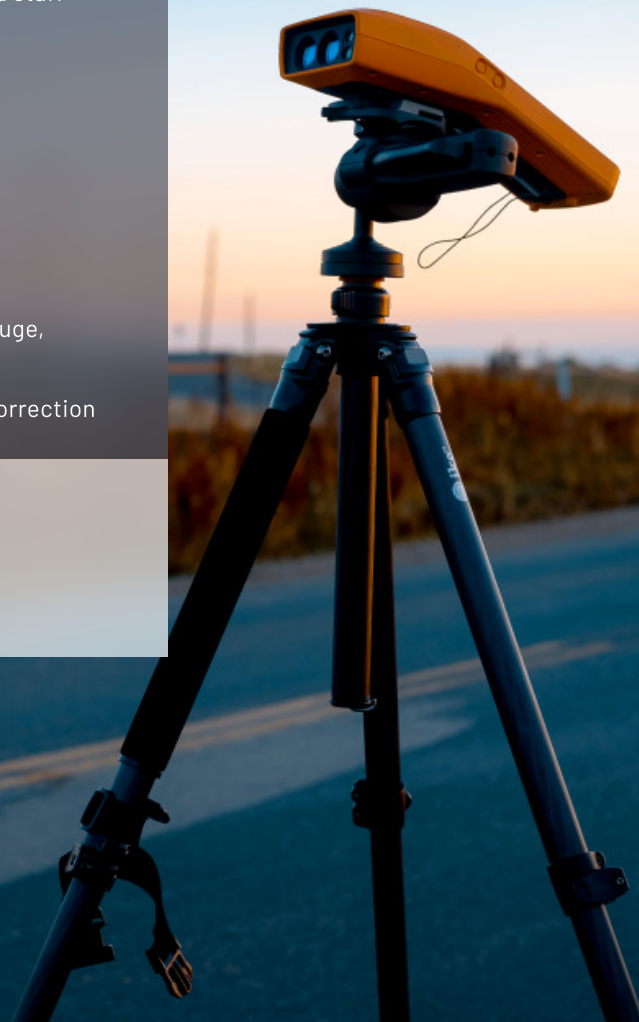
Key Features

- Sunlight readable screen
- Battery life up to 10 hours continued use
- Data consistency cross-engineering providers, regions, and staff
- One-person field collection
- Measurable images for complex collection requirements
- Midspan heights and measure equipment bearing
- Point-to-point measurements for spans and anchors
- Measure from a safe distance
- Easily capture reference photos and GPS locations
- Complete kit including device, case, tripod, offset stick, gauge, chargers, adapters for wall and car
- Use IKE Office Pro for additional measurements and data correction

Pricing

Hardware priced as an annual subscription

(must license IKE Office Pro software)



24 Million

pole photos to date

4.8 Million

unique poles in IKE Office Pro

400,000+

high accuracy locations
captured using IKE+

Connect with IKE

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Need more info?

Visit the [IKE Device Page](#)
or [Get a Demo](#)



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