NEW *RIEGL* RiLOC

RIEGL's entry-level IMU/GNSS solution for miniVUX series laser scanners

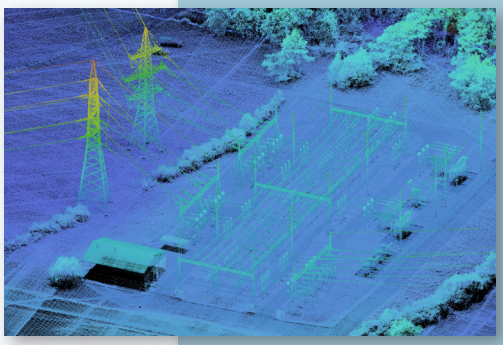
RIEGL now offers their own miniVUX series LiDAR system solution with a fully integrated subsystem for location and orientation (**L**ocation/**O**rientation **C**omponent).

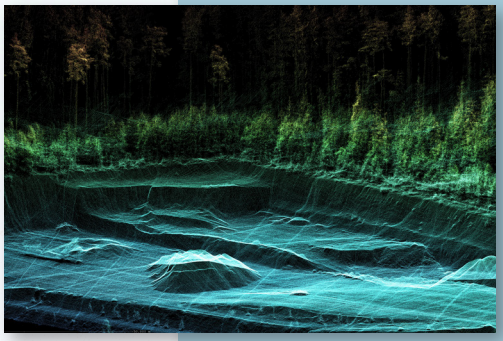
This version of the miniVUX-SYS includes a Micro Electro Mechanical System (MEMS) Inertial Measurement Unit (IMU), a GNSS unit, and appropriate software.

All components are included in a compact and lightweight housing, that is directly attached to the *RIEGL* miniVUX-1UAV/-3UAV laser scanner.

Key Features

- small and lightweight form factor
- wide temperature range

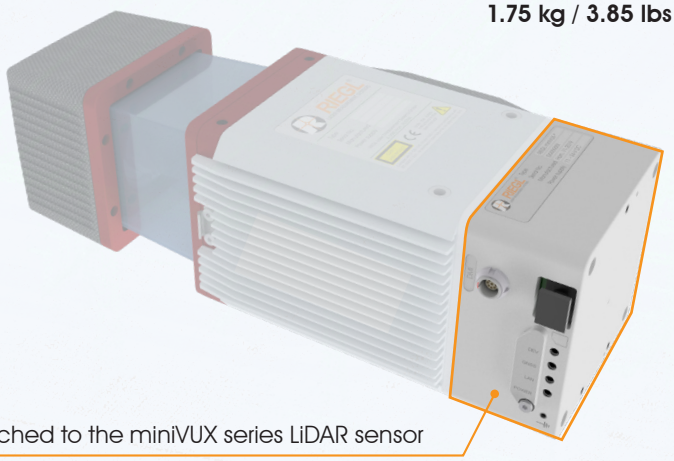




Specifications RiLOC

IMU system	MEMS based
IMU sampling rates	up to more than 800 Hz
IMU acceleration range	±8 g, full scale
IMU angular rate range	± 500°/sec
GNSS system	L1/L2/L5, GPS, GLONASS, Galileo and BeiDou
RiLOC dimensions	approx. 99 x 85 x 43 mm
RiLOC weight	approx. 0.36 kg / 0.8 lbs

total system weight
(scanner with subsystem RiLOC)
1.75 kg / 3.85 lbs



RIEGL RiLOC
directly attached to the miniVUX series LiDAR sensor

www.riegl.com

RIEGL®