

AIRBORNE LIDAR SCANNER

RIEGL VUX-120 Airborne LiDAR

High-performance airborne laser scanning system designed for UAV and aerial mapping applications. Up to 2 MHz measurement rate, ± 10 mm accuracy, and a 100° field of view in a sub-2.5 kg airframe-compatible package.



Key Specifications

MANUFACTURER	RIEGL Laser Measurement Systems GmbH
CLASS	Airborne UAV / aerial LiDAR scanner
LASER PULSE RATE	Up to 2.4 MHz
MEASUREMENT RATE	Up to ~2,000,000 meas/sec
ACCURACY	± 10 mm
PRECISION	~5 mm
FIELD OF VIEW	100°
SCAN SPEED	Up to 400 lines/sec
OPERATING ALTITUDE	Up to ~720 m
WEIGHT	~2 – 2.3 kg
DATA STORAGE	Internal SSD + removable card
EXPORT CLASS	EAR99 (US Dept. of Commerce)

Configuration & Inclusions

- VUX-120 LiDAR unit (RIEGL)
- Applanix APX-15 GNSS-inertial board
- Protective transit case with custom foam
- UAV mounting hardware
- Power and data cables
- Removable storage media
- Original OEM documentation

Provenance and Documentation

Originally procured new in 2024 under United States Department of Commerce Bureau of Industry and Security export licence (D1354115, ECCN EAR99), valid to March 2028. Held in controlled storage by the registered owner. Full export documentation, original commercial invoice, ECCN classification and end-user history available to verified buyers under NDA. Export licensing and re-transfer compliance support available on request.

Price on Application

ORIGINALLY PROCURED NEW UNDER VALID US EXPORT LICENCE

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