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GIS RESOURCES



THE INCREASING ROLE OF UAV'S IN SURVEYING FOR DEVELOPMENT

UAV LIDAR FOR
ECOLOGICAL RESTORATION
OF WETLANDS

ENHANCING UNMANNED
LASER SCANNING SOLUTIONS
- THE RIEGL UAV PRODUCT
RANGE

TRANSFORMING THE
ACCURACY AND
PRECISION OF ON-
SITE DATA CAPTURE
AND TRANSMISSION

RIEGL's UAV LiDAR SENSORS



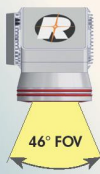
for Professional UAV Surveying Missions



RIEGL miniVUX-1UAV

Very Compact & Lightweight 1.55 kg / 3.4 lbs

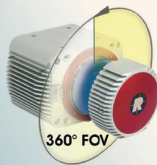
- max. operating flight altitude 330 ft AGL
- range up to 250 m
- accuracy 15 mm, precision 10 mm
- suited for measuring snowy and icy terrains



RIEGL miniVUX-1DL „Downward-Looking“

Compact & Lightweight 2.4 kg / 5.3 lbs

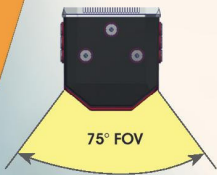
- max. operating flight altitude 260 ft AGL
- range up to 200 m
- accuracy 15 mm, precision 10 mm
- suited for corridor mapping



RIEGL VUX-1UAV

Compact & Lightweight 3.5 kg / 7.7 lbs

- max. operating flight altitude 1,150 ft AGL
- range up to 920 m
- accuracy 10 mm, precision 5 mm
- suited for power line, railway track, and pipeline inspection



NEW RIEGL VUX-240

Compact & Lightweight 3.8 kg / 8.4 lbs

- max. operating flight altitude 4,600 ft AGL
- range up to 1900 m
- accuracy 20 mm, precision 15 mm
- for using on UAS/UAV/RPAS and helicopters or small manned aeroplanes



Survey-grade LiDAR performance with a size, weight, and cost factor that makes deployment on UAVs practical and economical for commercial applications!

Key Features:

| echo digitization & online waveform processing | multiple target capability | eyesafe laser class 1 | ideally suited for the implementation of emerging surveying solutions by UAS/UAV/RPAS | mechanical and electrical interface for IMU mounting

VISIT US AT

COMMERCIAL
UAV EXPO

EUROPE

April 8-10, 2019

Amsterdam | The Netherlands

RIEGL booth 312



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CONTENTS



5
EDITOR'S NOTE

INDUSTRY

6
UAV LIDAR FOR ECOLOGICAL RESTORATION
OF WETLANDS

9
TRANSFORMING THE ACCURACY AND
PRECISION OF ON-SITE DATA CAPTURE
AND TRANSMISSION

12
IN A FIRST, PIGEON ADDS WORLD'S FIRST
ANIMAL FACE RECOGNITION TECH

PRODUCT WATCH

14
ENHANCING UNMANNED LASER SCANNING
SOLUTIONS - THE RIEGL UAV PRODUCT
RANGE

Outlook

18
BRIDGES MONITORING USING GOOGLE
EARTH SATELLITE IMAGE OF MAHANADI
AND KATHJODI RIVER, ODISHA