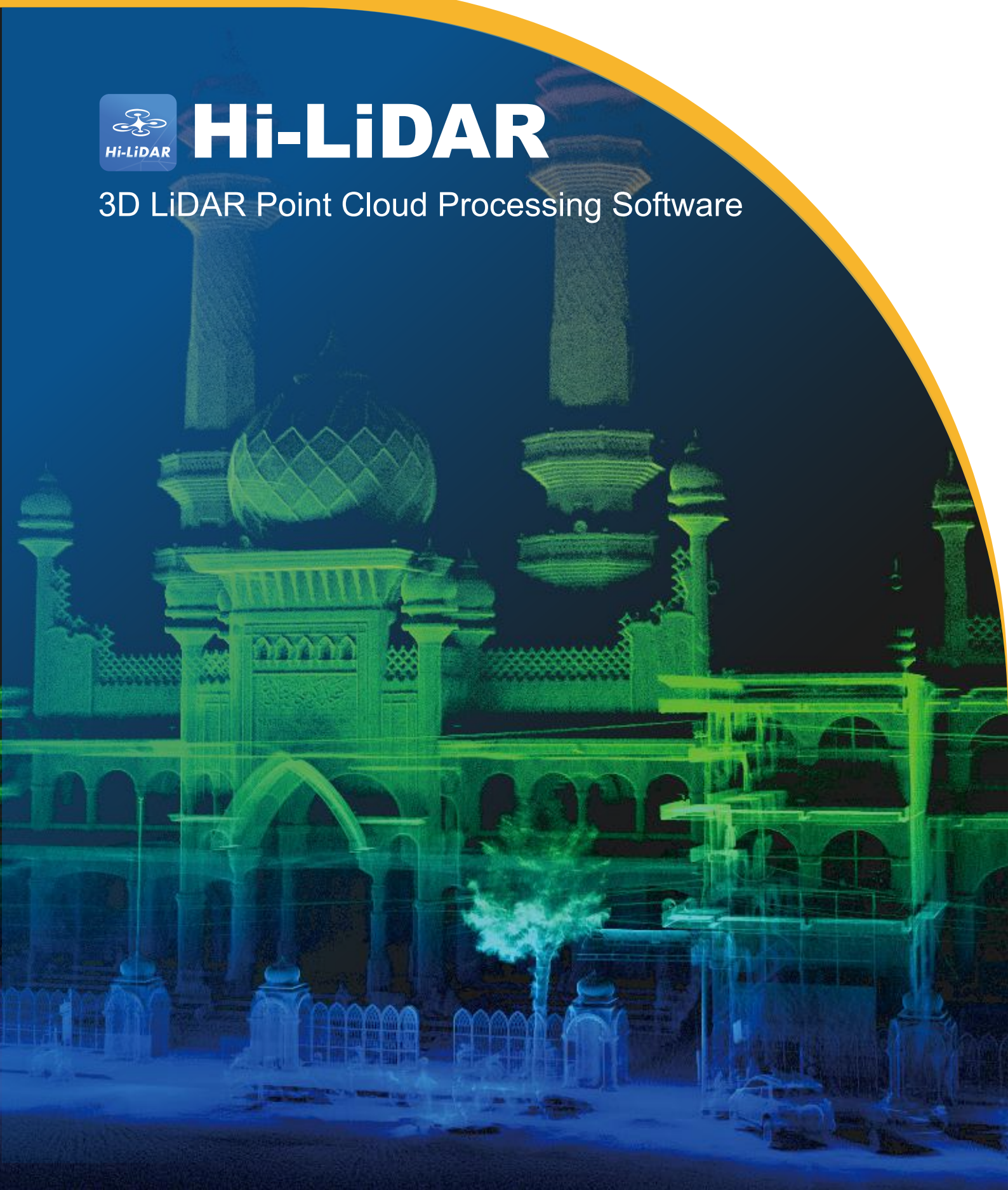
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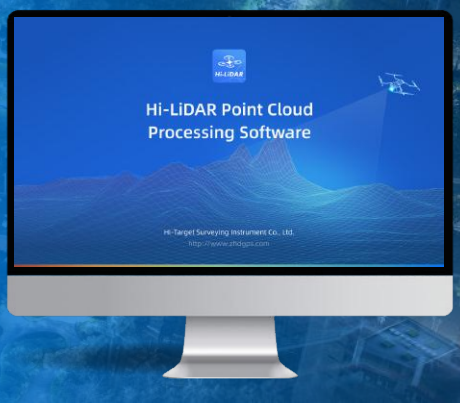
Hi-Target

Hi-LiDAR

3D LiDAR Point Cloud Processing Software



Hi-LiDAR is a 3D laser point cloud processing software independently developed by Hi-Target. It is designed to integrate the entire workflow—from pre-processing to post-processing—within a single platform, improving project data-processing efficiency and enhancing the overall user experience.



- High-Accuracy Point Clouds
- Automated Processing
- One-Click Outputs



Aerial Data Processing

For UAV LiDAR Data Processing like LS1 Airborne Mode

- DOM Orthophoto Generation NEW
- Mesh Surface Modeling
- One-Click Workflow
- Automatic Strip Selection
- Point Cloud Optimization
- Quality Checks & Reports

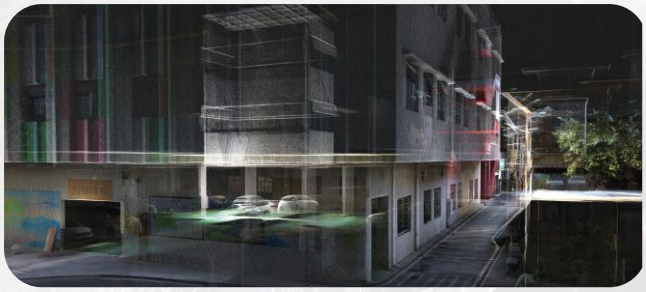


SLAM Data Processing

For Handheld SLAM Data Processing like V700S

- 3DGS Reconstruction & Visualization NEW
- Mesh Surface Modeling
- SLAM Wizard Processing
- Comprehensive Coordinate Support
- PPK Processing





Terrain Data & Analysis

- Digital Elevation Models (DEM)
- Contour and Elevation Points
- Volume Measurement

Architecture Module

- Effortless point cloud slicing and unfolding for seamless CAD geometry assistance.

Engineering Module

- Extracts sections, visualizes complex structures, and provides volume comparison, and reporting tools.

SPECIFICATIONS

Operating System

Windows 10 (64-bit), Windows 11(64-bit)

Processor

Intel Core i7 or above, 6-core processor

Memory

Minimum 16GB RAM:

3DGS function·Memory:> 32GB (recommended 64GB)

Graphics

NVIDIA discrete graphics card with at least 2GB video memory:

3DGS function • Graphics card: NVIDIA GeForce | RTX 20/30/40/50 series, graphics memory ≥ 8GB

Display Resolution

Minimum 1920x1080

NET Framework

Version 3.5

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PARTNER

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