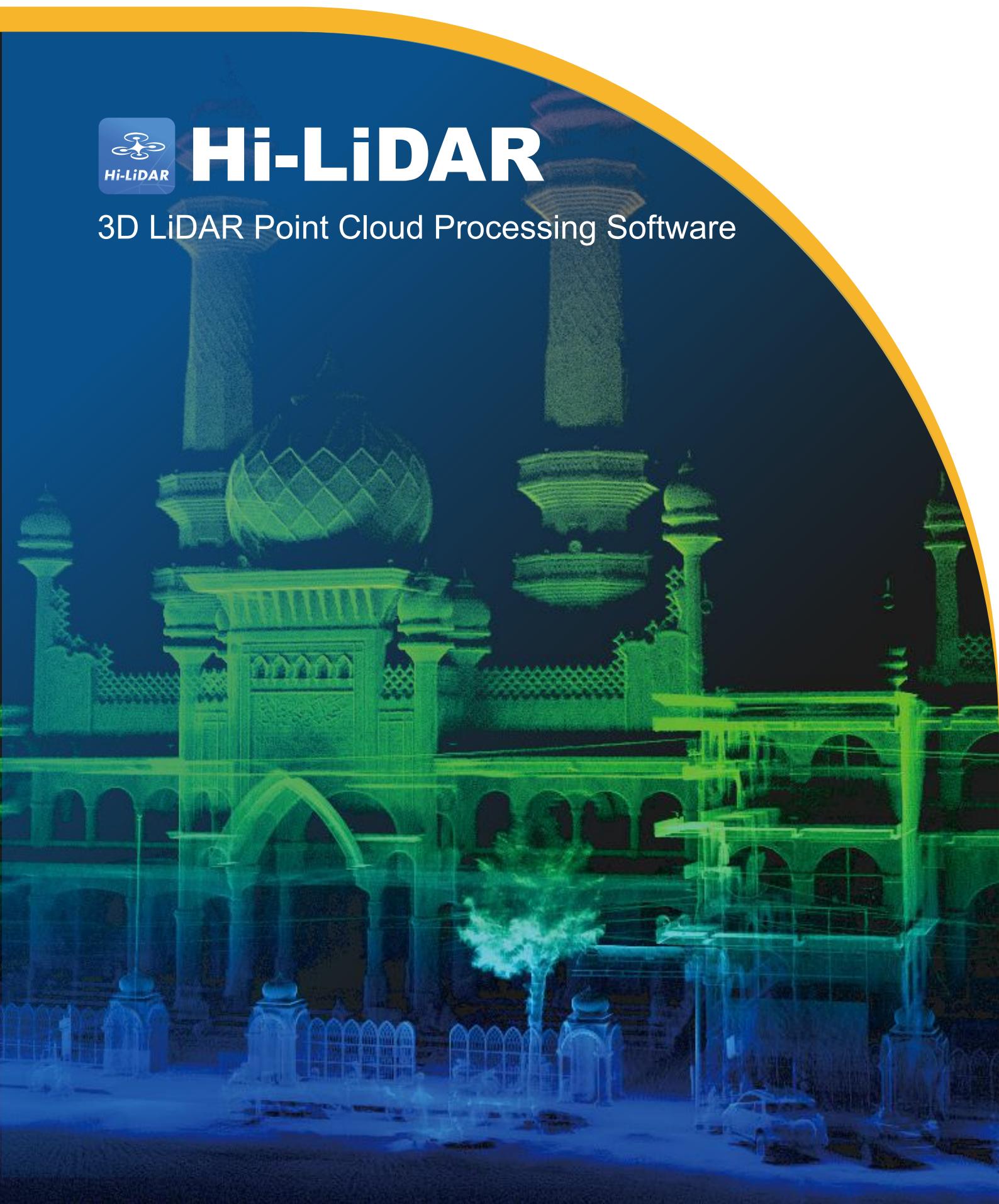




# Hi-LiDAR

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 series, graphics memory ≥ 8GB*

### Display Resolution

Minimum 1920x1080

### .NET Framework

Version 3.5



AUTHORIZED DISTRIBUTION PARTNER

26J106

### Hi-Target Surveying Instrument Co., Ltd

ADD: Hi-Target Headquarters, No. 6, Hongchuang 2nd Street, Nancun Town, Panyu District, 511442 Guangzhou, China.  
[www.hi-target.com.cn](http://www.hi-target.com.cn) +86-20-28688296 [sales@hi-target.com.cn](mailto:sales@hi-target.com.cn)