



Geo-Collect Software

Geo-Collect is Geo-info's proprietary software for data acquisition. It runs under Windows 7 OS or higher version. Geo-Collect is installed in the system controller of Dynamic Lidar systems i.e. GL-70, GL-70A or GLV, to configure, command, collect data and monitor all components of the Lidar systems during operations.

Geo-Collect software feature:

- Geo-Collect is easy to operate;
- Geo-Collect interface is simple and clear;
- Geo-Collect controls all components i.e. scanner, IMU/GPS, camera;
- Geo-Collect monitors the status of the Lidar system and communicates with ground control station if datalink is available;
- Geo-Collect creates image list directly, reduces post-processing workload.

Geo-Collect software functions:

- 1、 Configure/re-configure parameters of all components;
- 2、 Automatically collects laser data, image data and POS data;
- 3、 Log working status of Lidar system;
- 4、 Monitor running situation of Lidar system;
- 5、 Display real-time laser range and returns;
- 6、 Display real-time images;
- 7、 Log and display GPS and provides warning;
- 8、 Mistake-prevention function: when GPS signal is not ready or connection is not in place, 'start' button is deactivated.

Geo-Info Technologies Co., Ltd

Suite B1138 , North Building , 368 Liuhe Road , Binjiang District , Hangzhou , P.R.C 310011

Tel : 0571-81185691 <http://www.geo-info.cn>



Geo-Collect software operating steps:

Enter scanner parameters i.e. pulse rate and scan rate, set IMU parameters, set camera trigger time, wait for GPS, IMU and LOG indicators to turn green, then press ‘start’ .

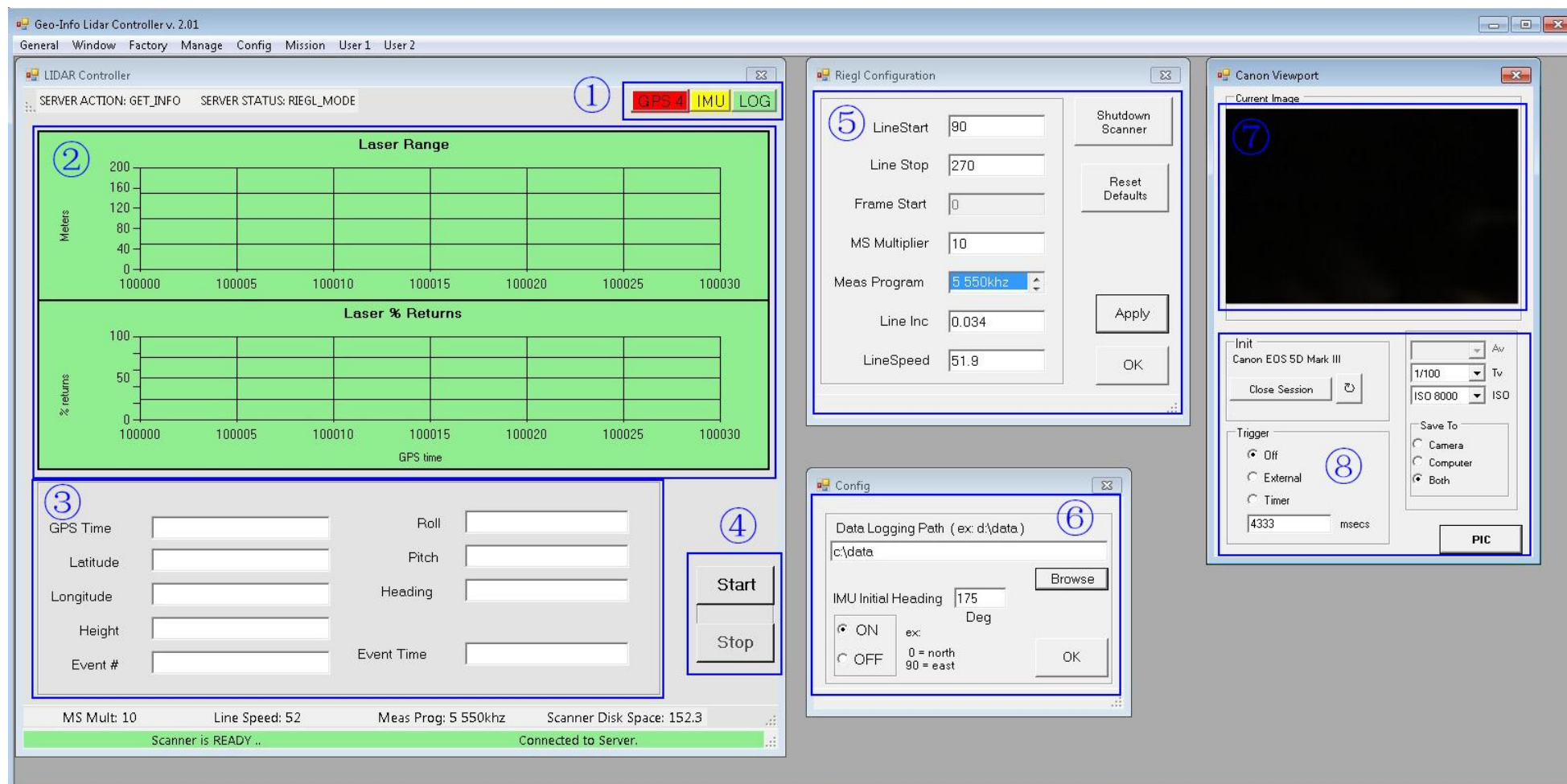
After data acquisition is finished, select ‘off’ in camera setting section to stop camera, press ‘stop’ to stop scanning, then turn the scanner off and shut down Geo-Collect software.

Geo-Info Technologies Co., Ltd

Suite B1138 , North Building , 368 Liuhe Road , Binjiang District , Hangzhou , P.R.C 310011

Tel : 0571-81185691 <http://www.geo-info.cn>

Geo-Collect Software interface



Geo-Info Technologies Co., Ltd

Suite B1138 , North Building , 368 Liuhe Road , Binjiang District , Hangzhou , P.R.C 310011

Tel : 0571-81185691 <http://www.geo-info.cn>