

User Guide for DGEALIB Library

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System Requirement:

- (1) System Platform: Windows 10
- (2) DGEALIB supports Intel 64 architecture and compatible architectures. The library is optimized for the systems based on
 - Intel[®] Core(TM) processor - 5th, 6th, 7th, and 8th generation
 - Intel[®] Xeon (R) processor E5 v3 family (formerly Haswell)and compatible processors.

IDE Requirement:

- (1) Platform Toolset: Visual Studio 2017 (v141)
- (2) C/C++ Language/OpenMP Support: Yes
- (3) C/C++ Language/Standard: ISO C++ 17 Standard and above
- (4) C/C++ Code Generation: Multi-threaded Debug DLL
- (5) C/C++ Preprocessor: USE_OCV

Lib Configuration:

- Navigate to “VS/xxx Property Pages/Configuration Properties”;
- Go to “VC++ Directories/Include Directories”, add the path
“[ur_cd_location]/dgecalib/include”;
If OpenCV required, add the path “[ur_cd_location]/dgecalib/addin/ocv/include”;
- Go to “Linker/General/Additional Library Directories”, add the path
“[ur_cd_location]/dgecalib/lib/Debug [or Release]”;
- Go to “Linker/input/Additional Dependencies”, add library
“dgelom_calibrator_x64d.lib”;
- Build the project, copy the required *.dll files to the folder the *.exe located. All required *.dll files can be found in folder “[ur_cd_location]/dgecalib/regist”.
- End here, congrats and enjoy it now!