

Clave2 Basic

Release Notes

2017.03

Version 2.3.1.0

Contact

Company name: Beijing Senseshield Technology Co., Ltd

Address: Suite 510,Block C,Internet Innovation Center,Building 5,
No.10,Xibeiwang East Road,Haidian District,
Beijing China

Tel.: +86-10-56730936

Fax: +86-10-56730936-8007

Sales: sales@sense.com.cn

Website: www.sense.com.cn

1、 Overview

This document is about the information of enhancement and updates of Clave2 Basic v2.3.1.0. It also covers the amendments of errors and open issues and other information that is not involved in the document 《Clave2 Basic Developer Guide_en v2.3.1.0》、《Clave2 Basic API Reference_en v2.3.1.0》.,

For the information related to release, please refer to this document. For the information of products and usage, please refer to the documents 《Clave2 Basic Developer Guide_en v2.3.1.0》 and 《Clave2 Basic API Reference_en v2.3.1.0》 .

2、 Added Content

V2.3.1.0

- ❖ Add function *LC_get_version_info* to API
- ❖ Add function *LC_flash_led* to API

3、 Varied Content

V2.3.1.0

- ❖ Fuction *LC_read* ,*LC_write* ,*LC_update* can operate 4-9 data block
- ❖ Modify the tool ‘Developer.exe’ to support 4-9 data block
- ❖ Modify the information of company in the sdk
- ❖ Modify the description of specification in the documents

4、 Error Correction

V2.3.1.0

- ❖ Modify the handle error of api in windows10

5、Open Issues

V2.3.1.0

- ❖ In the Linux system, if an error handler is used except LC_open() fuction, it is possible that a segement error maybe happen

6、File List

V2.3.1.0

Path&Name	MD5	Version	Size（Byte）	Last Modified Time
%SDK%\API\Linux_x64\libSense_LC.a	300151F1584E14DE02567187D60D6C86	2.3.1.0	85610	2017-3-30 15:14
%SDK%\API\Linux_x64\libSense_LC.so	81F7DF1261C104F40EDF967F0AD951D5	2.3.1.0	63952	2017-3-30 15:14
%SDK%\API\Linux_x64\Sense_LC.h	3F0C15C16A9BCF9A369798AEC132BB3A	2.3.1.0	10540	2017-3-30 15:14
%SDK%\API\Linux_x86\libSense_LC.a	CE5EFBE121482C938168F26B1374F8E5	2.3.1.0	77952	2017-3-30 15:14
%SDK%\API\Linux_x86\libSense_LC.so	0AF4360CB93741BC48750AD7963052A2	2.3.1.0	61224	2017-3-30 15:14
%SDK%\API\Linux_x86\Sense_LC.h	3F0C15C16A9BCF9A369798AEC132BB3A	2.3.1.0	10540	2017-3-30 15:14
%SDK%\API\MAC_x64\libSense_LC.a	393D2DD8D8F8EC7673B75FE42666F374	2.3.1.0	76600	2017-3-30 15:14
%SDK%\API\MAC_x64\libSense_LC.dylib	94BF6D346FFF2CC1FF19E71CB81D0385	2.3.1.0	67336	2017-3-30 15:14
%SDK%\API\MAC_x64\Sense_LC.h	3F0C15C16A9BCF9A369798AEC132BB3A	2.3.1.0	10540	2017-3-30 15:14
%SDK%\API\MAC_x86\libSense_LC.a	FE97A2707469B24CC1930669AB720647	2.3.1.0	86896	2017-3-30 15:14
%SDK%\API\MAC_x86\libSense_LC.dylib	1DC20271BD4E7313738B99AD87255F38	2.3.1.0	67616	2017-3-30 15:14
%SDK%\API\MAC_x86\Sense_LC.h	3F0C15C16A9BCF9A369798AEC132BB3A	2.3.1.0	10540	2017-3-30 15:14

%SDK%\API\Win_X64\Delphi\DelphiXE2\Sense_LC.dcu	6926B13F7DF84E7EDEF2E42D51C907BA	2.3.1.0	77553	2017-3-30 15:14
%SDK%\API\Win_X64\Delphi\DelphiXE3\Sense_LC.dcu	F5D75E5CAC0CDB11B8460236AF84A1DB	2.3.1.0	74589	2017-3-30 15:14
%SDK%\API\Win_X64\Delphi\DelphiXE4\Sense_LC.dcu	C129E19E4831A84AFB14112422402284	2.3.1.0	75328	2017-3-30 15:14
%SDK%\API\Win_X64\Delphi\inc\Sense_LC.inc	F2875FD42CCF2A24CAF3A038DA3A0CDC	2.3.1.0	10402	2017-3-30 15:14
%SDK%\API\Win_X64\Visual Studio\DLL\Sense_LC.dll	E75FDE5A54F5C3E7CC33B17586E247C1	2.3.1.0	119296	2017-3-30 15:14
%SDK%\API\Win_X64\Visual Studio\DLL\Sense_LC.lib	CBCEC47C7CC051329D4C20FA28C17A26	2.3.1.0	4510	2017-3-30 15:14
%SDK%\API\Win_X64\Visual Studio\Include\Sense_LC.h	3F0C15C16A9BCF9A369798AEC132BB3A	2.3.1.0	10540	2017-3-30 15:14
%SDK%\API\Win_X64\Visual Studio\VS2005\MD\Sense_LCst.lib	1E11AF0801ACEECA5F08C81CCBAAAF7E	2.3.1.0	161778	2017-3-30 15:14
%SDK%\API\Win_X64\Visual Studio\VS2005\MT\Sense_LCst.lib	5E8A8EE7FDC9D2EADA41919532AF48FA	2.3.1.0	159366	2017-3-30 15:14
%SDK%\API\Win_X64\Visual Studio\VS2008\MD\Sense_LCst.lib	0CA373B950803199DE370BB2EFC757D6	2.3.1.0	126816	2017-3-30 15:14
%SDK%\API\Win_X64\Visual Studio\VS2008\MT\Sense_LCst.lib	E8B1DE150B229E3B8731EF35F978B77B	2.3.1.0	96860	2017-3-30 15:14
%SDK%\API\Win_X64\Visual Studio\VS2010\MD\Sense_LCst.lib	97F7219FB414D34C00C404D700DDA3E1	2.3.1.0	125588	2017-3-30 15:14

%SDK%\API\Win_X64\Visual Studio\VS2010\MT\Sense_LCst.lib	89ED2D89E34BAF1A2697DAD08026E942	2.3.1.0	394652	2017-3-30 15:14
%SDK%\API\Win_X64\Visual Studio\VS2012\MD\Sense_LCst.lib	1E7E846BC803C8F768FCE66730139D7B	2.3.1.0	127216	2017-3-30 15:14
%SDK%\API\Win_X64\Visual Studio\VS2012\MT\Sense_LCst.lib	25F8BFA64AD309402B0EB9892EA8BB21	2.3.1.0	426704	2017-3-30 15:14
%SDK%\API\Win_X64\Visual Studio\VS2013\MD\Sense_LCst.lib	6786F78F5F3339A1DFAAA4014C3875AC	2.3.1.0	126750	2017-3-30 15:14
%SDK%\API\Win_X64\Visual Studio\VS2013\MT\Sense_LCst.lib	7EC1E5E30E11677AA6CF24E77274F3C3	2.3.1.0	378744	2017-3-30 15:14
%SDK%\API\Win_X64\Visual Studio\VS2015\MD\Sense_LCst.lib	A36E58608B67462C0F9A95ED71D00275	2.3.1.0	125260	2017-3-30 15:14
%SDK%\API\Win_X64\Visual Studio\VS2015\MT\Sense_LCst.lib	A9CD05E792B626FA56536D652361E680	2.3.1.0	358704	2017-3-30 15:14
%SDK%\API\Win_X86\AutoCAD\AutoCAD2002\Sense_LC.arx	36A15C33CFCE44BDAEBB4B244790DE81	2.3.1.0	49152	2017-3-30 15:14
%SDK%\API\Win_X86\AutoCAD\AutoCAD2002\Sense_LCcaller.lib	C38E4E07E30EB26003E6E676A0819362	2.3.1.0	9938	2017-3-30 15:14
%SDK%\API\Win_X86\AutoCAD\AutoCAD2007\Sense_LC.arx	5FD395B18F4A1877A08BD2CFE44D3AFE	2.3.1.0	43520	2017-3-30 15:14
%SDK%\API\Win_X86\AutoCAD\AutoCAD2007\Sense_LCcaller.lib	BDC50074063F2BA33BB27D095D5F9355	2.3.1.0	12512	2017-3-30 15:14
%SDK%\API\Win_X86\AutoCAD\Include\Sense_LC.	3F0C15C16A9BCF9A369798AEC132BB3A	2.3.1.0	10540	2017-3-30 15:14

h				
%SDK%\API\Win_X86\Delphi\Delphi2006\Sense_LC.dcu	2340CD31A7FEBA043C108D6AEF4EBFBA	2.3.1.0	38808	2017-3-30 15:14
%SDK%\API\Win_X86\Delphi\Delphi2007\Sense_LC.dcu	2340CD31A7FEBA043C108D6AEF4EBFBA	2.3.1.0	38808	2017-3-30 15:14
%SDK%\API\Win_X86\Delphi\Delphi2010\Sense_LC.dcu	A6829A7BE36151B7D545A0CD3D697C7D	2.3.1.0	40872	2017-3-30 15:14
%SDK%\API\Win_X86\Delphi\Delphi6\Sense_LC.dcu	45DFF82135B4AFF9A62B8087B29BDA17	2.3.1.0	37792	2017-3-30 15:14
%SDK%\API\Win_X86\Delphi\Delphi7\Sense_LC.dcu	2EC6B6F8AF08355985F1D83311C8FA76	2.3.1.0	37880	2017-3-30 15:14
%SDK%\API\Win_X86\Delphi\DelphiXE\Sense_LC.dcu	DB5C5A118F04DB9C1414133D36097459	2.3.1.0	41028	2017-3-30 15:14
%SDK%\API\Win_X86\Delphi\DelphiXE2\Sense_LC.dcu	09FEA0B1B8D253287DBEA4E4AC7DB90D	2.3.1.0	41096	2017-3-30 15:14
%SDK%\API\Win_X86\Delphi\DelphiXE3\Sense_LC.dcu	2EFD427E473A8D6C740739A963CE5C67	2.3.1.0	41121	2017-3-30 15:14
%SDK%\API\Win_X86\Delphi\DelphiXE4\Sense_LC.dcu	F0B7FA045EED466D94A23504695EA8E0	2.3.1.0	41354	2017-3-30 15:14
%SDK%\API\Win_X86\Delphi\inc\Sense_LC.inc	AACDC1A6A759522254268F2336D37FAA	2.3.1.0	10349	2017-3-30 15:14
%SDK%\API\Win_X86\Java\com_lc_lc_java.dll	D45D8682029680EA3903D10FC386A677	2.3.1.0	81920	2017-3-30 15:14
%SDK%\API\Win_X86\Java\lc_java.dll	C46DFE283E3E11A8727A345090C77A58	2.3.1.0	81920	2017-3-30 15:14
%SDK%\API\Win_X86\Visual Studio\DLL\Sense_LC.dll	0284F7984AC2752F11AC9D318CE31C1D	2.3.1.0	45056	2017-3-30 15:14
%SDK%\API\Win_X86\Visual Studio\DLL\Sense_LC.lib	B5DA73DF8B41DEBC8AAB649A0FC3DBE5	2.3.1.0	5028	2017-3-30 15:14

%SDK%\API\Win_X86\Visual Studio\Include\Sense_LCst.lib	3F0C15C16A9BCF9A369798AEC132BB3A	2.3.1.0	10540	2017-3-30 15:14
%SDK%\API\Win_X86\Visual Studio\VC6\MD\Sense_LCst.lib	7E6FA55018BA64DAB286564CD7144C55	2.3.1.0	77216	2017-3-30 15:14
%SDK%\API\Win_X86\Visual Studio\VC6\ML\Sense_LCst.lib	AE0BCD3590996D1053DB103EDD63889F	2.3.1.0	76994	2017-3-30 15:14
%SDK%\API\Win_X86\Visual Studio\VC6\MT\Sense_LCst.lib	55796AE23679D0F46C9C033D1DB2C461	2.3.1.0	77024	2017-3-30 15:14
%SDK%\API\Win_X86\Visual Studio\VS2005\MD\Sense_LCst.lib	A6A0346039BC35D7D9C257184A077687	2.3.1.0	84290	2017-3-30 15:14
%SDK%\API\Win_X86\Visual Studio\VS2005\MT\Sense_LCst.lib	DE3A13A0B281EE5E46ACACC47D9781C2	2.3.1.0	681826	2017-3-30 15:14
%SDK%\API\Win_X86\Visual Studio\VS2008\MD\Sense_LCst.lib	523238A6323646B8FD510B8B00BDD959	2.3.1.0	87434	2017-3-30 15:14
%SDK%\API\Win_X86\Visual Studio\VS2008\MT\Sense_LCst.lib	73F7A6B81CC23D237995D2C974E390B4	2.3.1.0	885898	2017-3-30 15:14
%SDK%\API\Win_X86\Visual Studio\VS2010\MD\Sense_LCst.lib	B1C9CCA43A2D601E9B3608A0F6419661	2.3.1.0	78296	2017-3-30 15:14
%SDK%\API\Win_X86\Visual Studio\VS2010\MT\Sense_LCst.lib	FA103E4EE6558E1818F97FCF4C616DE3	2.3.1.0	811614	2017-3-30 15:14
%SDK%\API\Win_X86\Visual Studio\VS2010\MT\Sense_LCst.lib	55330D4673E34C069D79A64F789D9ABB	2.3.1.0	75636	2017-3-30 15:14

Studio\VS2012\MD\Sense_LCst.lib				
%SDK%\API\Win_X86\Visual Studio\VS2012\MT\Sense_LCst.lib	2DAE93545021995C2B3E12C781428469	2.3.1.0	815312	2017-3-30 15:14
%SDK%\API\Win_X86\Visual Studio\VS2013\MD\Sense_LCst.lib	453E64255F1EF09EB7891D73B5B53BE9	2.3.1.0	75622	2017-3-30 15:14
%SDK%\API\Win_X86\Visual Studio\VS2013\MT\Sense_LCst.lib	6CA85B7999C6AE71C94311CB1F52B39A	2.3.1.0	816418	2017-3-30 15:14
%SDK%\API\Win_X86\Visual Studio\VS2015\MD\Sense_LCst.lib	FEC0BCB712355AB387607887CB02CCDD	2.3.1.0	73590	2017-3-30 15:14
%SDK%\API\Win_X86\Visual Studio\VS2015\MT\Sense_LCst.lib	188B40DBF8DDF223054C8BBBA46F4E41	2.3.1.0	1378206	2017-3-30 15:14
%SDK%\Authentication\ActiveX\LC_FULL\LC_FULL.dll	37C4B1AFD6F82B8AA7AF7161C5B1C5C4	2.3.1.0	204800	2017-3-30 15:14
%SDK%\Authentication\ActiveX\LC_FULL\LC_FULL.lib	7447583ADDD4A8072D73E3904B1D779D	2.3.1.0	1532	2017-3-30 15:14
%SDK%\Authentication\ActiveX\LC_SEC\LC_SEC.cab	1F87CE043EF89F40DB6477FBB2D862A2	2.3.1.0	84382	2017-3-30 15:14
%SDK%\Authentication\ActiveX\LC_SEC\LC_SEC.dll	EC92E792FDED603C3FA1DECC6ACDF320	2.3.1.0	180224	2017-3-30 15:14
%SDK%\Authentication\ActiveX\LC_SEC\LC_SEC.lib	38D8BF57559766994CFCD49C28DE79C5	2.3.1.0	1522	2017-3-30 15:14
%SDK%\Authentication\API\VC6\MD\LC_authst.lib	86C4700F67EBED7E08375E7BD45DB0F7	2.3.1.0	46114	2017-3-30 15:14
%SDK%\Authentication\API\VC6\ML\LC_authst.lib	156ECB6EF172CD4C20BEBE77ECD60655	2.3.1.0	46016	2017-3-30 15:14
%SDK%\Authentication\API\VC6\MT\LC_authst.lib	2CCBE5F71340B122DB675B8AB11FCA46	2.3.1.0	46032	2017-3-30 15:14

%SDK%\Authentication\API\VS2005\md\LC_authst.lib	5A1971AB3967EE801C9AC291253B92D5	2.3.1.0	162460	2017-3-30 15:14
%SDK%\Authentication\API\VS2005\mt\LC_authst.lib	15CB7791EF02E770DCDFA0C2020F723C	2.3.1.0	160104	2017-3-30 15:14
%SDK%\Authentication\API\VS2008\MD\LC_authst.lib	2CA6FD2244B05BDD969362094D3701F9	2.3.1.0	161852	2017-3-30 15:14
%SDK%\Authentication\API\VS2008\MT\LC_authst.lib	2307DF62311A651E3249C3B7EA9388C6	2.3.1.0	159254	2017-3-30 15:14
%SDK%\Authentication\API\LC_auth.h	5D8509812D3DD35B8565D99269B0D185	2.3.1.0	6085	2017-3-30 15:14
%SDK%\Authentication\Samples\Demo_asp\logon.asp	71964DCC2FA6C30E9AD6228ECED6A2D0	2.3.1.0	4979	2017-3-30 15:14
%SDK%\Authentication\Samples\Demo_asp\test.css	CD1188F0E1095BC73B86F8E05294433A	2.3.1.0	1210	2017-3-30 15:14
%SDK%\Authentication\Samples\Demo_asp\verify.asp	3A1F2B3FF7488E24CBCA4E0FBE5DC87C	2.3.1.0	3427	2017-3-30 15:14
%SDK%\Authentication\Samples\Demo_asp.net\logon.aspx	DD9D7D317886DFB6E3FEA41075F1B98F	2.3.1.0	5025	2017-3-30 15:14
%SDK%\Authentication\Samples\Demo_asp.net\test.css	CD1188F0E1095BC73B86F8E05294433A	2.3.1.0	1210	2017-3-30 15:14
%SDK%\Authentication\Samples\Demo_asp.net\verify.aspx	32387F56DB73D344BEE685904F308695	2.3.1.0	4232	2017-3-30 15:14
%SDK%\Authentication\Samples\Demo_delphi\iToken LC.ico	410F1EBFCCFF11C110CA2CA438C78860	2.3.1.0	3262	2017-3-30 15:14
%SDK%\Authentication\Samples\Demo_delphi\LC Demo.cfg	7D9B4AE60CA767881B3D1EFDEF7357A2	2.3.1.0	422	2017-3-30 15:14
%SDK%\Authentication\Samples\Demo_delphi\LC Demo.dof	A37E118CD3A297E4074F5BB3427666CB	2.3.1.0	2352	2017-3-30 15:14

%SDK%\Authentication\Samples\Demo_delphi\LCDemo.dpr	CFF1D7E9C1AA6BF696DB88F0CEDD5F94	2.3.1.0	570	2017-3-30 15:14
%SDK%\Authentication\Samples\Demo_delphi\LCDemo.dproj	F51BD8D2AD6F81A5BD5AC5F746B3706A	2.3.1.0	4588	2017-3-30 15:14
%SDK%\Authentication\Samples\Demo_delphi\LCDemo.rc	4CB4B8C76C6D0390A90BE39638CC074B	2.3.1.0	86	2017-3-30 15:14
%SDK%\Authentication\Samples\Demo_delphi\LCDemo.res	0DBC06ECB5E9CF9908F9FBBE55EB9056	2.3.1.0	4032	2017-3-30 15:14
%SDK%\Authentication\Samples\Demo_delphi\LCDemo.rsb	D3CBC427F62113C8C6F1D591841D30FC	2.3.1.0	2632	2017-3-30 15:14
%SDK%\Authentication\Samples\Demo_delphi\LCDemo.FULL.bpl	9BD6F482D860ECD6922DFC1D619F170F	2.3.1.0	25600	2017-3-30 15:14