**Borst Automation** Embedded Solutions

Engineering Consultancy for New
Advanced Information Technologies

Tel.: +49 4721 6985100
Fax: +49 4721 6985102
Email:info@borst-automation.de
Home: www.borst-automation.de

Walter Borst, Kapitaen-Alexander-Strasse 39, 27472 Cuxhaven, GERMANY

# Quotation: Hart Slave Stack C++ 7.6 - License

| | |
|---|---|
| **Product name:** | **Hart Slave Stack C++ 7.6 - License** |
| **Description:** | The package includes all modules needed to implement the Hart protocol for a slave. The package is written in standard C++ and does not use a direct connection to a system environment. Data link layer, application layer and network management of the Hart protocol are implemented. The connection to the outside occurs via three interfaces: OSAL, USER and HAL. Special properties are: |

- No external dynamic memory management. The amount of reserved RAM remains constant.
- The number of objects is determined at compile time and startup.
- No operating system is required to integrate the software. Timers and serial interrupts are enough.
- The current implementation is providing the 'classical' Hart Uart Protocol.

A detailed data sheet is available through the following link:

[DataSheet-Hart-Slave-C++-7.6.pdf](DataSheet-Hart-Slave-C++-7.6.pdf)

| | |
|---|---|
| **Deliveries:** | 1. <u>C++ source code</u> for the embedded device in the latest version. |
| | 2. <u>C# source code</u> for the <u>white box test software</u> of the current version. |
| | 3. Detailed firmware <u>development and integration documentation</u>. |
| | 4. <u>One Year of free updates</u> to the current version and reports about bugfixes and changes. |
| | 5. The <u>possibility</u> to conclude a <u>firmware maintenance contract</u> for development and integration on an hourly basis. |
| | 6. <u>User License Certificate</u>. |
| **Price:** | 3.950, - Euro |
| **Licence Agreement** | With the license you you are getting the non-exclusive unlimited usage rights to the firmware of the Hart Slave Stack C++ 7.6 source code. |
| | You may distribute the target binary for personal use and commercial purposes, install and use the source code on as many computers as you wish and modify or alter the source code at your own risk. |
| | You may not redistribute the source code in any way (through website, ftp site, cdrom ...), sell, rent, lease, or sublicense the source code or transfer the rights on the source code. |
| | You may not use the terms 'Borst Automation', 'Walter Borst' or 'HartTools' inside or together with your modified code. |
| **Support** | We would be happy to help you integrate, change or expand the code on your embedded system. We also offer help with troubleshooting. This may also include the implementation of completely new functions. |
| | For these expenses, we are happy to offer you a software maintenance contract that is based on a limited number of working hours. The intended content and scope of the work are also defined therein. |
| | The prerequisite for concluding such a contract is, of course, that you have previously purchased the license for the firmware packet. |
| | A contract example for 10 or 100 hours of support is available at our homepage: |
| | [Quotation Hart Slave C++ 7.6 - Software Maintenance](Quotation Hart Slave C++ 7.6 - Software Maintenance) |
| **Delivery date:** | Typically, 5 working days after reception of the purchase order. |
| **Payment:** | Cheque (optional in your currency equivalent) to be sent to our address after invoice or account transfer. |
| | VAT: DE 170387245<br>IBAN: DE48 5105 0015 0962 0286 24<br>SWIFT-BIC: NASSDE55XXX |

Engineering Consultancy for New
Advanced Information Technologies

Tel.: +49 4721 6985100
Fax: +49 4721 6985102
Email:info@borst-automation.de
Home: www.borst-automation.de

Walter Borst, Kapitaen-Alexander-Strasse 39, 27472 Cuxhaven, GERMANY

| | |
|---|---|
| **Warranty** | By using this software package, the user agrees that no event shall Borst Automation or Walter Borst make responsible or liable for damages whatsoever. This includes, without limitation, damages for loss of business profits, loss due to business interruption, loss of business information, or any other pecuniary loss, arising out of the use of or the inability to use this firmware package. |
| **Conformity** | This firmware was developed to the best of my knowledge and my belief. The basis is the specifications of the Hart Communication Foundation in version 7.9. |
| | However, it cannot be guaranteed that the software included in this package meets the HCF specifications in all required respects. |
| | It is only possible to prove the conformity of this software after the user has integrated the software into his device and commissions HCF (FieldComm Group) or a certified company to conduct this test. Under no circumstances am I, Walter Borst, responsible for conducting such tests. Nor am I responsible for correcting any deficiencies resulting from such a test. |
| **Validity** | The quotation is valid for three months since the download of this file. |
| **Ordering address:** | Borst Automation<br>Kapitaen-Alexander-Strasse 39<br>27472 Cuxhaven |
| | GERMANY |
| | Fon: +49 (0)4721 6985 100<br>Fax: +49 (0)4721 6985 102 |
| | Email: info@borst-automation.de<br>Home: https://www.borst-automation.de/ |

Notes:

1)   The General Terms and Conditions of Borst Automation[1], December 18, 2013, shall apply.
2)   The Software License Agreement of Borst Automation[2], December 20, 2013, shall apply.
3)   Prices do not include tax.

Cuxhaven, June 23, 2024

(Walter Borst )

---

[1] GTC Borst Automation

[2] SLA Borst Automation